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00969969 CAB Accession Number: 802407952
Study of the use of refuse slag concrete.
Original Title: Ondersoek naar de toepassing van afvalverbrandingsslakken-beton.
Publication Year: 1980
CAB Abstracts 1972-2001/Nov (c) 2001 CAB International
==========
2/6/8 (Item 3 from file: 50)
00313886 CAB Accession Number: 751915099
Effect of increasing amounts of town- refuse slag on yields and trace-element contents of wheat.
Publication Year: 1973
CAB Abstracts 1972-2001/Nov (c) 2001 CAB International
==========
2/6/10 (Item 5 from file: 50)
00233560 CAB Accession Number: 750330246
Preliminary trials with refuse slag as a material for the drainagelayer in turf sports grounds.
Original Title: Vorversuche mit Mullschlacke als Dranschicht-Baustoff fur Rasensportflachen.
Publication Year: 1974
CAB Abstracts 1972-2001/Nov (c) 2001 CAB International
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2/6/12 (Item 1 from file: 203)
00921338
Plant uptake of heavy metals (pots and mini plots), D: Trace metals in solid waste materials, plant availabilities in soil mixtures at varying pH, pot experiments [sandy-loam, green house, Italian ryegrass, sludge, garbage , compost, sludge-pyrolysis slag , incineration slag , incineration fly ash, manganese, copper, zinc, nickel, lead, cadmium, pH] (Spormetaloptag i planter (kar- og rammeforsoeg), D: Spormetaller i affaldsmaterialer, plantetilgaengelighed ved jordindblanding ved varierende pH; karforsoeg)
1981
[Agricultural use of sewage, 3: Report sections] (Slammets jordbrugsanvendelse, 3: Delrapporter)
AGRIS 1974-2001/Oct Dist by NAL, Intl Copr. All rights reserved

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2/6/14 (Item 1 from file: 8)
05776764
Title: Fundamental tests on application of MSW direct melting slag as soil improvement material
Publication Year: 2000
Ei Compendex(R) 1970-2001/Dec W4 (c) 2001 Engineering Info. Inc.
==========
2/6/15 (Item 2 from file: 8)
04918884
Title: Muellschlackenbehandlung in der MVB Hamburg-Borsigstrasse
Title: Refuse incineration slag treatment in the Hamburg-Borsigstrasse refuse incineration plant
Publication Year: 1997
Ei Compendex(R) 1970-2001/Dec W4 (c) 2001 Engineering Info. Inc.
==========
2/6/16 (Item 3 from file: 8)
03883223
Title: Mechanische Aufbereitung von Schlacke aus Muellverbrennungsanlagen mit dem Schwerpunkt Schrott
Title: Mechanical processing of refuse incinerator slag with special emphasis on refuse incinerator scrap
Publication Year: 1993
Ei Compendex(R) 1970-2001/Dec W4 (c) 2001 Engineering Info. Inc.
==========
2/6/17 (Item 4 from file: 8)
02801727
Title: Beurteilung der Umweltvertraeglichkeit vonMuellverbrennungsschlacken im Strassenbau.
Title: Evaluation of the environmental compatibility of using slag from refuse incineration in road construction.
Publication Year: 1989
Ei Compendex(R) 1970-2001/Dec W4 (c) 2001 Engineering Info. Inc.
==========
2/6/18 (Item 5 from file: 8)
00578330
Title: Refuse Slag Melting: Experiences and Expectations.
Title: MUELLSCHLACKENSCHMELZE -- ERFAHRUNGEN, ERWARTUNGEN.
Publication Year: 1976
Ei Compendex(R) 1970-2001/Dec W4 (c) 2001 Engineering Info. Inc.
==========
2/6/20 (Item 7 from file: 8)
00242360
Title: Conclusions drawn from operating experience of a refuse slag sintering plant.
Title: Folgerungen aus den Betriebserfahrungen mit einer Muellschlackensinteranlage.
Publication Year: 1971
Ei Compendex(R) 1970-2001/Dec W4 (c) 2001 Engineering Info. Inc.

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Comment No. 25 (cont.) **Issue Code: 07**

unexpected discharge of a hazardous material that threatens the life, health, or safety of citizens or the environment is considered an environmental emergency. More information on the Emergency Response Team can be found on the Internet at http://water.nr.state.ky.us/dow/dwert.htm.

Comment No. 26 **Issue Code: 12**

Vitrified frit produced from the quenching of molten slag from the gasification process is a commercial product, not a waste. The frit from gasifiers operating on a 100 percent coal feed has consistently proven to be nonhazardous under RCRA. Since this project will be using a different feed stream, the final batch of frit should be tested to ensure that it meets all TCLP criteria and is therefore nonhazardous. The vitrified frit consists primarily of ash (99.2 percent by weight) composed of oxides of the following elements silicon (SiO_2), aluminum (Al_20_3), titanium (TiO_2), iron (Fe_20_3), calcium (CaO), magnesium (MgO), potassium (K_2O) and sodium (Na_2O). The frit also consists chloride, fluoride, antimony, arsenic, beryllium, boron, cadmium, chromium, cobalt, copper, lead, manganese, mercury, molybdenum, nickel, silver, thallium, vanadium and zinc. All constituents of the frit are immobilized in a glassy matrix which is resistant to corrosion in the environment. The frit from gasifiers operating on other feed streams is considered nonleachable by EPA standards. Because the slag from the gasification process is in a fused, vitrified state, it rarely fails TCLP for metals. Slag is not a good substrate for binding organic compounds, so it is usually found to be nonhazardous, exhibiting none of the characteristics of hazardous waste. Vitrified frit produced by gasifiers operating on different feed streams passes the more stringent Universal Treatment Standards criteria of the EPA-TCLP analytical method and is nonhazardous. The frit from this facility is also expected to pass the Universal Treatment Standards criteria. Chapter 3 of the EIS has been revised to include a more detailed description of the frit.

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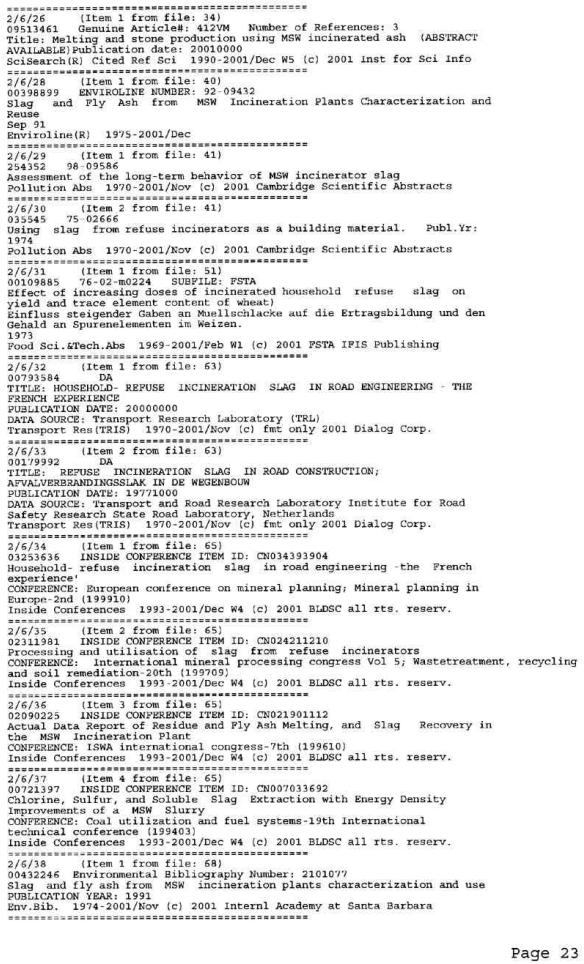

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2/6/26      (Item 1 from file: 34)
09511461    Genuine Article#: 412VM   Number of References: 3
Title: Melting and stone production using MSW incinerated ash  (ABSTRACT
AVAILABLE)Publication date: 20010000
SciSearch(R) Cited Ref Sci  1990-2001/Dec W5 (c) 2001 Inst for Sci Info
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2/6/28      (Item 1 from file: 40)
00398899    ENVIROLINE NUMBER: 92-09432
Slag  and  Fly  Ash  from   MSW  Incineration Plants Characterization and
Reuse
Sep 91
Enviroline(R)  1975-2001/Dec
==========
2/6/29      (Item 1 from file: 41)
254352    98-09586
Assessment of the long-term behavior of MSW incinerator slag
Pollution Abs  1970-2001/Nov (c) 2001 Cambridge Scientific Abstracts
==========
2/6/30      (Item 2 from file: 41)
035545    75-02666
Using  slag  from refuse incinerators as a building material.   Publ.Yr:
1974
Pollution Abs  1970-2001/Nov (c) 2001 Cambridge Scientific Abstracts
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2/6/31      (Item 1 from file: 51)
00109885    76-02-m0224    SUBFILE: FSTA
Effect of increasing doses of incinerated household  refuse   slag  on
yield and trace element content of wheat)
Einfluss steigender Gaben an Muellschlacke auf die Ertragsbildung und den
Gehald an Spurenelementen im Weizen.
1973
Food Sci.&Tech.Abs  1969-2001/Feb W1 (c) 2001 FSTA IFIS Publishing
==========
2/6/32      (Item 1 from file: 63)
00793584       DA
TITLE: HOUSEHOLD- REFUSE  INCINERATION  SLAG  IN ROAD ENGINEERING - THE
FRENCH EXPERIENCE
PUBLICATION DATE: 20000000
DATA SOURCE: Transport Research Laboratory (TRL)
Transport Res(TRIS)  1970-2001/Nov (c) fmt only 2001 Dialog Corp.
==========
2/6/33      (Item 2 from file: 63)
00179992       DA
TITLE:  REFUSE  INCINERATION  SLAG  IN ROAD CONSTRUCTION;
AFVALVERBRANDINGSSLAK IN DE WEGENBOUW
PUBLICATION DATE: 19771000
DATA SOURCE: Transport and Road Research Laboratory Institute for Road
Safety Research State Road Laboratory, Netherlands
Transport Res(TRIS)  1970-2001/Nov (c) fmt only 2001 Dialog Corp.
==========
2/6/34      (Item 1 from file: 65)
03253636    INSIDE CONFERENCE ITEM ID: CN034393904
Household- refuse  incineration  slag  in road engineering -the  French
experience'
CONFERENCE: European conference on mineral planning; Mineral planning in
Europe-2nd (199910)
Inside Conferences  1993-2001/Dec W4 (c) 2001 BLDSC all rts. reserv.
==========
2/6/35      (Item 2 from file: 65)
02311981    INSIDE CONFERENCE ITEM ID: CN024211210
Processing and utilisation of  slag  from  refuse  incinerators
CONFERENCE:   International mineral processing congress Vol 5; Wastetreatment, recycling
and soil remediation-20th (199709)
Inside Conferences  1993-2001/Dec W4 (c) 2001 BLDSC all rts. reserv.
==========
2/6/36      (Item 3 from file: 65)
02090225    INSIDE CONFERENCE ITEM ID: CN021901112
Actual Data Report of Residue and Fly Ash Melting, and  Slag   Recovery in
the  MSW  Incineration Plant
CONFERENCE: ISWA international congress-7th (199610)
Inside Conferences  1993-2001/Dec W4 (c) 2001 BLDSC all rts. reserv.
==========
2/6/37      (Item 4 from file: 65)
00721397    INSIDE CONFERENCE ITEM ID: CN007033692
Chlorine, Sulfur, and Soluble  Slag  Extraction with Energy Density
Improvements of a  MSW  Slurry
CONFERENCE: Coal utilization and fuel systems-19th International
technical conference (199403)
Inside Conferences  1993-2001/Dec W4 (c) 2001 BLDSC all rts. reserv.
==========
2/6/38      (Item 1 from file: 68)
00432246  Environmental Bibliography Number: 2101077
Slag  and fly ash from  MSW  incineration plants characterization and use
PUBLICATION YEAR: 1991
Env.Bib.  1974-2001/Nov (c) 2001 Internl Academy at Santa Barbara
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Comment No. 26 (cont.) **Issue Code: 12**
Variability in the RDF content is dependent on the MSW supply. However, RDF production methods inherently yield fairly uniform and homogenous RDF. Due to the vitreous nature of the frit, there would be no particular variability when a leaching test is conducted regardless of the composition of the feed.

Comment No. 27 **Issue Code: 16**
DOE believes that the Kentucky Pioneer IGCC Demonstration Project EIS adequately analyzes the full scope of environmental impacts from the proposed project. Chapter 3 of the EIS has been modified to provide more detail on the gasification process, including the production of the vitreous frit.

Comment No. 28 **Issue Code: 13**
The intent of the project is not to lower the costs of waste disposal in certain areas but rather to demonstrate this particular technology that has the potential to enhance the economics of coal utilization and lower the emissions output of a totally coal-based system. No risks to the economic health of Kentucky have been identified. All risks to the physical health of the area are identified in the EIS. Local benefits are discussed in Section 5.3, Socioeconomics. The relatively small amounts and generally dispersed nature of MSW in Kentucky does not economically support exclusive utilization of Kentucky-generated MSW to produce RDF supplies. Importing RDF from a densely populated metropolitan area is more economically viable in order to supply the necessary amount of RDF required to operate the plant.

Comment No. 29 **Issue Code: 12**
The project produces primarily vitrified frit which is considered a commercial product, not a waste stream. The frit from gasifiers operating on a 100 percent coal feed has consistently proven to be nonhazardous under RCRA. Since this project will be using a different

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2/6/39 (Item 1 from file: 73)
03992928 EMBASE No: 1989161924
Evaluation of the environmental compatibility of using slag from refuse incineration in road construction
BEURTEILUNG DER UMWELTVERTRAGLICHKEIT VON MULLVERBRENNUNGSSCHLACKEN IM STRASSENBAU
1989
EMBASE 1974-2001/Dec W4 (c) 2001 Elsevier Science B.V.
2/6/40 (Item 2 from file: 73)
03804900 EMBASE No: 1988254340
Effect of boiler ash on quality of slag from refuse combustion
EINFLUSS DER KESSELASCHE AUF DIE QUALITAT VON MULLVERBRENNUNGSSCHLACKE
1988
EMBASE 1974-2001/Dec W4 (c) 2001 Elsevier Science B.V.
2/6/41 (Item 3 from file: 73)
02659723 EMBASE No: 1984128682
Slag and fluegas of refuse incineration
1984
EMBASE 1974-2001/Dec W4 (c) 2001 Elsevier Science B.V.
2/6/42 (Item 4 from file: 73)
02633069 EMBASE No: 1984152027
Slag and fluegas of refuse incineration plants
1984
EMBASE 1974-2001/Dec W4 (c) 2001 Elsevier Science B.V.
2/6/43 (Item 5 from file: 73)
02619833 EMBASE No: 1984188791
Slag and stack ash from refuse burning installations
1984
EMBASE 1974-2001/Dec W4 (c) 2001 Elsevier Science B.V.
2/6/44 (Item 6 from file: 73)
01618842 EMBASE No: 1980176512
Method for preparation of auxiliary building material from slag and ash from refuse burning installations
VERFAHREN ZUR HERSTELLUNG EINES ZUSCHLAGSTOPFES FUR BAUMATERIALIEN AUS ABFALLSCHLACKE UND FILTERASCHE AUS MULLVERBRENNUNGSANLAGEN
1980EMBASE 1974-2001/Dec W4 (c) 2001 Elsevier Science B.V.
2/6/46 (Item 8 from file: 73)
00997764 EMBASE No: 1978126091
Slag from refuse burning installations used in roadmaking
1977
EMBASE 1974-2001/Dec W4 (c) 2001 Elsevier Science B.V.
2/6/47 (Item 9 from file: 73)
00338014 EMBASE No: 1975110372
Preliminary trials of refuse slag as drainage layer construction material for turfed sport fields
VORVERSUCHE MIT MULLSCHLACKE ALS DRANSCHICHT BAUSTOFF FUR RASENSPORTPLACHEN
1974
EMBASE 1974-2001/Dec W4 (c) 2001 Elsevier Science B.V.
2/6/48 (Item 10 from file: 73)
00118950 EMBASE No: 1974109052
Influence of increasing amounts of refuse slag on yield of wheat and its content of trace elements
EINFLUSS STEIGENDER GABEN AN MULLSCHLACKE AUF DIE ERTRAGSBILDUNG UND DEN GEHALT AN SPURENELEMENTEN IM WEIZEN
1973
EMBASE 1974-2001/Dec W4 (c) 2001 Elsevier Science B.V.
2/6/49 (Item 1 from file: 77)
4619049
Supplier Accession Number: 01-07421 V29N06
Metal release from MSW molten slag in single batch leaching test
Conference Papers Index 1973-2001/Nov (c) 2001 Cambridge Sci Abs
2/6/51 (Item 1 from file: 94)
04870860 JICST ACCESSION NUMBER: 01A0500927 FILE SEGMENT: JICST-E
Utilization of Slag Produced by Pyrolysis Gasification and Melting Process of MSW . , 2001
JICST-EPlus 1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
2/6/52 (Item 2 from file: 94)
04613997 JICST ACCESSION NUMBER: 00A0211677 FILE SEGMENT: JICST-E
Ground Improvement. The Fundamental Tests on Application of MSW Direct Melting Slag as Soil Improvement Material., 2000
JICST-EPlus 1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
2/6/53 (Item 3 from file: 94)
04434305 JICST ACCESSION NUMBER: 00A0013173 FILE SEGMENT: JICST-E
Application of melt slag from garbage incinerated ash to fine aggregate

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Comment No. 29 (cont.) **Issue Code: 12**

feed stream, the final batch of frit should be tested to ensure that it meets all TCLP criteria and is therefore nonhazardous. Waste generated at the proposed facility that would be landfilled in the State of Kentucky would be solid waste. It is difficult to determine whether waste from this project would drive up the cost of landfilling. Landfill cost increases are dependent on a number of factors, not just the waste generated from this proposed facility. Analysis of east coast waste is beyond the scope of this EIS.

Comment No. 30 **Issue Code: 11**

Heavy metals emissions from the gas turbine operation would be less than 28.3 grams (1 ounce) per year. Total heavy metal deposition in areas downwind of the project would be much less than 1.1 kilograms per hectare (1 pound per acre) accumulated over 20 years. The maximum air pollutant increase associated with emissions from the proposed project would produce no significant short- or long-term air quality impacts and health risks are expected to be minor. Air emissions from the proposed project would be regulated by the State of Kentucky. The air quality permit for the proposed project requires continuous emission monitoring for criteria pollutants and annual emissions testing for cadmium, lead, mercury, hydrogen chloride, and dioxins/furans. Noncompliance with permitted emission levels would result in a plant shutdown.

Comment No. 31 **Issue Code: 02**

The water used for the plant and any aqueous waste stream generated by the project would be in compliance with federal, state, and local guidelines and ordinances. The presence of the facility should have no impact on future economic growth in Lexington, Clark County, or Kentucky. No burdens to the economic health of the region as a result of this project have been identified. According to the *Cumulative Assessment of the Environmental Impacts Caused by Kentucky Electric Generating Units* prepared by the Kentucky Natural Resources and

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for concrete and solidification material for cement., 1999
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/54       (Item 4 from file: 94)
04434304     JICST ACCESSION NUMBER: 00A0013172  FILE SEGMENT: JICST-E
Utilization of melt  slag  (crystallization  slag )from  garbage
incinerated ash to coarse aggregate for concrete., 1999
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/55       (Item 5 from file: 94)
04434298     JICST ACCESSION NUMBER: 00A0013166  FILE SEGMENT: JICST-E
Effective utilization of  slag  made by thermal decomposition and melting
process from the  refuse . Part 1., 1999
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/57       (Item 7 from file: 94)
04292933     JICST ACCESSION NUMBER: 99A0871943  FILE SEGMENT: JICST-E
The experimental examination on the utilization of the  garbage
incineration ash liquid  slag., 1999
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/58       (Item 8 from file: 94)
04258401     JICST ACCESSION NUMBER: 99A0852498  FILE SEGMENT: JICST-E
Utilization of Melted  Slag  of  MSW  for Asphalt Mixture., 1999
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/59       (Item 9 from file: 94)
04236453     JICST ACCESSION NUMBER: 99A0814872  FILE SEGMENT: JICST-E
Study on effective utilization of liquid  slag  from fly ash in  garbage
incinerator., 1998
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/60       (Item 10 from file: 94)
04193265     JICST ACCESSION NUMBER: 99A0730572  FILE SEGMENT: JICST-E
Development of Technology for Effective Utilization of  Refuse
Incineration Ash and Melting  Slag . , 1999
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/62       (Item 12 from file: 94)
04188843     JICST ACCESSION NUMBER: 99A0588879  FILE SEGMENT: JICST-E
Trial manufacture of concrete secondary product using  refuse  liquid  slag
fine aggregate., 1998
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
==========
2/6/63       (Item 13 from file: 94)
04150439     JICST ACCESSION NUMBER: 99A0600616  FILE SEGMENT: JICST-E
Material property of sintered  garbage  slag  fine aggregate of different
production method., 1998
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
==========
2/6/64       (Item 14 from file: 94)
04150429     JICST ACCESSION NUMBER: 99A0600605  FILE SEGMENT: JICST-E
Possibility of utilization of sintered  garbage  slag  fine powder as
alternative cement material., 1998
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/65       (Item 15 from file: 94)
04026340     JICST ACCESSION NUMBER: 99A0378178  FILE SEGMENT: JICST-ETechnology
development in the Ministry of Construction Technology Office
114.  On the basic research and test on the possibility of the reuse as
a civil engineering material of the melting solidification ( the
non-industrial wastes  refuse  melting  slag  )  The Touhoku Technology
Office., 1999
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/66       (Item 16 from file: 94)
03976483     JICST ACCESSION NUMBER: 99A0271560  FILE SEGMENT: JICST-E
Manufacturing of glass and glass ceramics from sludge  slag  and  garbage
 incinerated ash  1995 - 1997  (Ministry of Education S)., 1998
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/67       (Item 17 from file: 94)
03907441     JICST ACCESSION NUMBER: 99A0195152  FILE SEGMENT: JICST-E
The Variance in the Physical Properties of  MSW  Incineration Ash &  Slag .
, 1998
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/69       (Item 19 from file: 94)
03857283     JICST ACCESSION NUMBER: 99A0070883  FILE SEGMENT: PreJICST-E
Technology of strengthening  garbage  incineration fly ash molten  slag .
, 1998
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/70       (Item 20 from file: 94)
03792718     JICST ACCESSION NUMBER: 98A0990764  FILE SEGMENT: JICST-E
Study on  Refuse  Incineration Ash  Slag  Aggregate Concrete., 1998
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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Comment No. 32 **Issue Code: 14**

Environmental Protection Cabinet, further electric generation capacity often facilitates the development of the area economy. Under the 50-50 co-feed ratio, the Kentucky Pioneer IGCC Demonstration Project would require the use of approximately 2,268 metric tons (2,500 tons) of high-sulfur coal per day. The project would fulfill this need solely through Kentucky coal.

Comment No. 33 **Issue Code: 21**

Because of DOE's limited role of providing cost-shared funding for the proposed Kentucky Pioneer IGCC Demonstration Project, alternative sites were not considered. KPE selected the existing J.K. Smith Site because the costs would be much higher and the environmental impacts would likely be greater if an undisturbed area was chosen.

Comment No. 34 **Issue Code: 22**

Before any federal funds are obligated, KPE will have to provide proof of finances for construction and operation of the project.

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2/6/71      (Item 21 from file: 94)
03256817    JICST ACCESSION NUMBER: 98A0104167  FILE SEGMENT: PreJICST-E
Utilization of liquid  slag  of incinerated ash from the municipal  refuse
to the road sub-base.  , 1997
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/72      (Item 22 from file: 94)
03252627    JICST ACCESSION NUMBER: 98A0081040  FILE SEGMENT: PreJICST-E
A few consideration on the application of the surface melting style
garbage  incineration ash  slag  to fine aggregate for concrete.  ,
1997
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/73      (Item 23 from file: 94)
03109521    JICST ACCESSION NUMBER: 97A0196193  FILE SEGMENT: JICST-E
Environment and waste processing, and electric heating.  Melting of plasma
type  garbage  incineration ash and resource recycling of  slag .  ,
1997
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/74      (Item 24 from file: 94)
02853686    JICST ACCESSION NUMBER: 97A0164865  FILE SEGMENT: PreJICST-E
A study on stabilization of  refuse  incineration residue molten  slag .
, 1996
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
================================================
2/6/75      (Item 25 from file: 94)
02841414    JICST ACCESSION NUMBER: 97A0070899  FILE SEGMENT: PreJICST-E
Application of  garbage  incineration ash fused  slag  to asphalt concrete.
, 1995JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/76      (Item 26 from file: 94)
02753809    JICST ACCESSION NUMBER: 96A0347617  FILE SEGMENT: JICST-E
Practice of environmental countertechnologies.  Recycling technology of
garbage  incineration ash molten  slag .  , 1996
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/77      (Item 27 from file: 94)
02725770    JICST ACCESSION NUMBER: 96A0291249  FILE SEGMENT: JICST-E
Utilization of  garbage  incinerated ash liquid  slag  to asphalt mixture.
, 1996
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/78      (Item 28 from file: 94)
02663597    JICST ACCESSION NUMBER: 96A0060040  FILE SEGMENT: JICST-E
Resource recycling of  slag  by plasma-type  garbage  incineration ash
fusion furnace.  , 1995
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/79      (Item 29 from file: 94)
02628384    JICST ACCESSION NUMBER: 95A0851395  FILE SEGMENT: JICST-E
Study of Recycling Ash of Burnt  Refuse (Part 3). Application of  Slag
Result from Melting Ash of Burnt  Refuse  for Ceramics Products., 1995
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/80      (Item 30 from file: 94)
02577671    JICST ACCESSION NUMBER: 95A0851394  FILE SEGMENT: JICST-E
Study of Recycling Ash of Burnt  Refuse (Part 2). Application of  Slag
Result from Melting Ash of Burnt  Refuse  for Aggregates., 1995
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/82      (Item 32 from file: 94)
02550518    JICST ACCESSION NUMBER: 95A0578969  FILE SEGMENT: JICST-E
Study on the Chemical Components of  Slag  Prepared from Oota  Refuse
Incineration Plant., 1995
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/85      (Item 35 from file: 94)
01520428    JICST ACCESSION NUMBER: 92A0335287  FILE SEGMENT: JICST-E
Melting Treatment of  MSW  Incinerator Ash and  Slag  Utilization., 1992
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/86      (Item 36 from file: 94)
01142483    JICST ACCESSION NUMBER: 91A0525830  FILE SEGMENT: JICST-E
Effective utilization of melting  slag  from  refuse  incineration. (2nd
Report)., 1991JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/87      (Item 37 from file: 94)
01142481    JICST ACCESSION NUMBER: 91A0525828  FILE SEGMENT: JICST-E
Investigation on scattering of melting  slag  from  refuse  incineration.,
1991
JICST-EPlus  1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/88      (Item 38 from file: 94)
01249669    JICST ACCESSION NUMBER: 90A0903543  FILE SEGMENT: JICST-E
Effective utilization of the  slag . Paying attention to weight reductio of

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refuse incineration residue by high temperature melting, because of
the diffeiculty in securing reclamation land., 1990
JICST-EPlus 1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/89 (Item 39 from file: 94)
01141255 JICST ACCESSION NUMBER: 90A0665583 FILE SEGMENT: JICST-E
Effective utilization of melting slag from refuse incineration., 1990
JICST-EPlus 1985-2001/Nov W3 (c)2001 Japan Science and Tech Corp(JST)
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2/6/90 (Item 1 from file: 98)
02517550 H.W. WILSON RECORD NUMBER: BGSI93017550
Garbage in, gravel out: plasma torches transmute waste into harmless
slag.
May '93 (19930500)
General Sci Abs/Full-Text 1984-2001/Nov (c) 2001 The HW Wilson Co.
==========
2/6/91 (Item 1 from file: 103)
04251714 DE-97-0GJ061; EDB-98-009078
Title: Refuse incineration slag treatment in the Hamburg-Borsigstrasse
refuse incineration plant
Original Title: Muellschlackenbehandlung in der MVB Hamburg-Borsigstrasse
Publication Date: Oct 1997
Energy SciTec 1974-2001/Sep B2 (c) 2001 Contains copyrighted material
==========
2/6/92 (Item 2 from file: 103)
04028442 EDB-96-112202
Title: Integrated gasification and brick-making process for treatment
of MSW
Title: Twelfth annual international Pittsburgh coal conference:
Proceedings. Coal -- Energy and the environment
Conference title: 12. annual international Pittsburgh coal conference
Publication Date: 1995
Energy SciTec 1974-2001/Sep B2 (c) 2001 Contains copyrighted material
==========
2/6/93 (Item 3 from file: 103)
03981630 NEDO-95-930346; EDB-96-065390
Title: Study of recycling ash of burnt refuse . Part 2. Application of
slag result from melting ash of burnt refuse for ceramics products
Original Title: Toshi gomi shokyakubai no sairiyo ni kansuru kenkyu. 3.
Shokyakubai yoyu slag no yogyo kenzai eno tekiyo
Publication Date: 1 Sep 1995
Energy SciTec 1974-2001/Sep B2 (c) 2001 Contains copyrighted material
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2/6/94 (Item 4 from file: 103)
03925074 SWD-95-007617; EDB-96-008834
Title: Corrosivity of flue gas slag in refuse fueled boilers -
Background and slag synthesis
Original Title: Korrosivitet hos roekgasslagg i avfallspannor - Bakgrund
och slaggsyntes
Publication Date: Mar 1995
Energy SciTec 1974-2001/Sep B2 (c) 2001 Contains copyrighted material
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2/6/95 (Item 5 from file: 103)
03719132 CLA-94-100748; EDB-94-135098
Title: RDF -pulverized coal co-firing in a slag combustor. Combustion tests at the
Coal Tech facility
Title: Second international conference on combustion technologies for a
clean environment
Conference title: 2. international conference on combustion technologies
for a clean environment
Publication Date: 1993
Energy SciTec 1974-2001/Sep B2 (c) 2001 Contains copyrighted material
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2/6/96 (Item 6 from file: 103)
03620671 DE-94-0G1696; EDB-94-036637
Title: Mechanical processing of refuse incinerator slag with special
emphasis on refuse incinerator scrap
Original Title: Mechanische Aufbereitung von Schlacke aus
Muellverbrennungsanlagen mit dem Schwerpunkt Schrott
Publication Date: Dec 1993
Energy SciTec 1974-2001/Sep B2 (c) 2001 Contains copyrighted material
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2/6/97 (Item 7 from file: 103)
03423561 DE-92-013630; EDB-93-002437
Title: Possibilities of using refuse combustion slag
Original Title: Verwertungsmoeglichkeiten von Muellverbrennungsschlacke
Publication Date: Sep 1992
Energy SciTec 1974-2001/Sep B2 (c) 2001 Contains copyrighted material
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2/6/98 (Item 8 from file: 103)
01410897 ERA-09-031119; EDB-84-108697
Title: Characterization of slag and fouling residues from co-combustion
of powdered refuse -derived fuel with residual oil and comparison with
coal and RDF residues
Title: Resource recovery from solid wastes
Conference title: Conference on resource recovery from solid wastes
Publication Date: 1982

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Energy SciTec 1974-2001/Sep B2 (c) 2001 Contains copyrighted material
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2/6/100 (Item 1 from file: 110)
00110787
Assessment of the long-term behavior of MSW incinerator slag
(1997)
WasteInfo 1974-2001/Jun (c) 2001 AEA Techn Env.
==========
2/6/102 (Item 3 from file: 110)
00081383
Baustoffgemisch zur Herstellung von Form- und Fertigteilen sowie Verfahren
zur Herstellung der Baustoffgemische. (Building material mix based on
activated waste, preferably slag and ash from refuse incineration or
power station and brick and concrete debris and waste) (In German)
(1992)
WasteInfo 1974-2001/Jun (c) 2001 AEA Techn Env.
==========
2/6/103 (Item 4 from file: 110)
00077666
Process and device for cleaning slag from refuse incinerators(1991)
WasteInfo 1974-2001/Jun (c) 2001 AEA Techn Env.
==========
2/6/104 (Item 5 from file: 110)
00072401
A method for incineration of refuse - including recycling fly ash to
convert it to slag and adding agent to reduce emissions of acid gases
and/or dioxin(s)
(1989)
WasteInfo 1974-2001/Jun (c) 2001 AEA Techn Env.
==========
2/6/105 (Item 6 from file: 110)
00024367
Characterization of slag and fouling residues from co-combustion of
powdered refuse -derived fuel with residual oil and comparison with coal
and RDF residues
(1982)
WasteInfo 1974-2001/Jun (c) 2001 AEA Techn Env.
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2/6/106 (Item 7 from file: 110)
00011329
LEACHING TESTS ON SLAG AND ASHES FROM HOUSEHOLD REFUSE COMBUSTION -
RESULTS AND CONCLUSIONS IN VIEW OF WATER PROTECTION. (IN GERMAN).
(1974)
WasteInfo 1974-2001/Jun (c) 2001 AEA Techn Env.
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2/6/107 (Item 8 from file: 110)
00004456
THE OXYGEN REFUSE CONVERTER - A SYSTEM FOR PRODUCING FUEL GAS, OIL,
MOLTEN METAL AND SLAG FROM REFUSE .
(NA)
WasteInfo 1974-2001/Jun (c) 2001 AEA Techn Env.
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2/6/108 (Item 9 from file: 110)
00003856
USING SLAG FROM REFUSE INCINERATORS AS A BUILDING MATERIAL.
(NA)
WasteInfo 1974-2001/Jun (c) 2001 AEA Techn Env.
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2/6/109 (Item 1 from file: 118)
0481140 ICONDA Accession Number: 1999(07):1001569 ICONDA
Bautechnische Aspekte der Waesche von Muellverbrennungsschlacken
Engineering aspects of rinsed slag from garbage incineration plants
PUBLICATION DATE: 19990000
ICONDA-Intl Construction 1976-2001/Jan (c) 2001 Fraunhofer-IRB
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2/6/110 (Item 2 from file: 118)
0479753 ICONDA Accession Number: 1999(07):1000131 ICONDA
Muellverbrennung und Muellverbrennungsrueckstaende in Wien
Refuse incineration processes and residual slag in Vienna
PUBLICATION DATE: 19980000
ICONDA-Intl Construction 1976-2001/Jan (c) 2001 Fraunhofer-IRB
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2/6/111 (Item 3 from file: 118)
0408131 ICONDA Accession Number: 1996(05):1300010 ICONDA
Des machefers d'incineration d'ordures menageres pour le chantier de la
deviation de Malzeville
HRIS (household refuse incineration slag) for the Malzeville diversion
project
PUBLICATION DATE: 19950000
ICONDA-Intl Construction 1976-2001/Jan (c) 2001 Fraunhofer-IRB
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2/6/112 (Item 4 from file: 118)
0363249 ICONDA Accession Number: 1993(10):1000376 ICONDA
MVA-Schlacken verglasen. Die Forderungen an die Auslaugbarkeit werden
strenger - neue Verfahren und Einsatzgebiete
Clinkered slag from refuse incineration plants. The demands on
leachability are becoming stricter - new methods and areas of application

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PUBLICATION DATE: 19930000
ICONDA-Intl Construction 1976-2001/Jan (c) 2001 Fraunhofer-IRB
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2/6/113 (Item 5 from file: 118)
0252372 ICONDA Accession Number: 1997(07):1000753 ICONDA
Emissionspotential einer Muellverbrennungsschlacken-Monodeponie fuer Schwermetalle
Emission potential of a refuse incineration slag monodump for heavy metals
PUBLICATION DATE: 19950000
ICONDA-Intl Construction 1976-2001/Jan (c) 2001 Fraunhofer-IRB
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2/6/114 (Item 6 from file: 118)
0199167 ICONDA Accession Number: 1988(02):1300030 ICONDA
Scories d'ordures incinerees comme granulat pour beton
Slag of household refuse incineration used in place of aggregatein concrete
ICONDA-Intl Construction 1976-2001/Jan (c) 2001 Fraunhofer-IRB
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2/6/115 (Item 7 from file: 118)
0191256 ICONDA Accession Number: 1994(11):1000219 ICONDA
Schlacken und staeube verglasen. Aus MVA-Rueckstaenden werden isolierende Glaswolle, Fasern, Schaumglas oder Gussglas hergestellt
Vitrification of slag and dust. Insulating glass wool, fibres, foamed glass or cast glass made from the residues of refuse incineration plants
PUBLICATION DATE: 19930000
ICONDA-Intl Construction 1976-2001/Jan (c) 2001 Fraunhofer-IRB
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2/6/116 (Item 1 from file: 144)
12448286 PASCAL No.: 96-0105697
Des machefers d'incineration d'ordures menageres pour le chantier de la deviation de Malzeville
(HRIS (household refuse incineration slag) for the Malzeville diversion project)
1995
Pascal 1973-2001/Dec W4 (c) 2001 INIST/CNRS
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2/6/117 (Item 2 from file: 144)
12118447 PASCAL No.: 95-0348877
Valorisation en structure routiere du machefer d'incineration d'ordures menageres de l'usine de Lyon-Sud
(Upgrading of Lyon-South incineration plant household refuse slag in road structures)
1995
Pascal 1973-2001/Dec W4 (c) 2001 INIST/CNRS
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2/6/118 (Item 3 from file: 144)
07516738 PASCAL No.: 87-0018306
Scories d'ordures incinerees comme granulat pour beton
(Slag of household refuse incineration used in place of aggregate in concrete) 1986
Pascal 1973-2001/Dec W4 (c) 2001 INIST/CNRS
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2/6/123 (Item 1 from file: 305)
217021
PCDD/PCDF (polychlorinated dibenzo-p-dioxins and dibenzofurans) formation and destruction during co-firing of coal and RDF (refuse -derived fuel) in a slag -forming combustor.
PD- Jan 1994 ; 940100|
Analytical Abstracts 1980-2001/Dec W4 (c) 2001 Royal Soc Chemistry
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2/6/124 (Item 2 from file: 305)
033555
Analysis of effluents of an urban solid refuse incinerator: study of methods of extraction and analysis for quantitative determination of polychlorodibenzo-p-dioxins.
PD- 1981 ; 810000|
Analytical Abstracts 1980-2001/Dec W4 (c) 2001 Royal Soc Chemistry
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2/6/125 (Item 1 from file: 583)
05871685
\genFirmennotizen: ML Entsorgungs- und Energieanla
NETHERLANDS: LURGI /LENTJES GARBAGE INCINERATION
08 Jul 1993
Gale Group Globalbase(TM) 1986-2001/Dec 26 (c) 2001 The Gale Group
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2/6/126 (Item 1 from file: 636)
02257514 Supplier Number: 44325726 (USE FORMAT 7 FOR FULLTEXT)
Converting Garbage to Glassy Slag
Jan, 1994
Word Count: 196
Gale Group Newsletter DB(TM) 1987-2001/Dec 27 (c) 2001 The Gale Group
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2/6/127 (Item 2 from file: 636)
01098044 Supplier Number: 40764100 (USE FORMAT 7 FOR FULLTEXT)
Lurgi spots promise in RDF cofiring
April 24, 1989

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Word Count: 556
Gale Group Newsletter DB(TM) 1987-2001/Dec 27 (c) 2001 The Gale Group
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2/6/128 (Item 4 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Melting furnace with stable discharge of slag in waste treatment
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
==========
2/6/129 (Item 5 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Study on development of application of municipal waste-incineration
slags. Development of concrete products using crystallized slag as fine
aggregatesCA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/130 (Item 6 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Method and equipment for treatment of waste garbage by gasification and
melting to produce slag byproduct
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/131 (Item 7 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Content and internal distribution of heavy metals in roots of plants
grown at alkaline pH on slag from municipal solid waste incineration
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/132 (Item 8 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Method for careful selection of raw material in producing melting slag
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/133 (Item 9 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Shaft furnaces for melting of trash with continuous discharging of molten
slag
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/134 (Item 10 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Hydraulic activity of eco-cement made by using slag from municipal solid
waste incinerator fly ash
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/136 (Item 12 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Manufacture of porous sintered body by using molten slag of municipal
waste and sewage sludge
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/138 (Item 14 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Chemical speciation of waste compounds in inorganic residues - A basis
for geochemical long term assessment
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/141 (Item 17 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.Manufacture of
chlorine-free slag
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/144 (Item 20 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Process and molten slag incinerator for treating urban domestic refuse
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/145 (Item 21 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Process integrated treatment of slag from municipal refuse incineration
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/146 (Item 22 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Long-term behavior of slag from heat treatment of municipal wastes
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/147 (Item 23 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Method for gasification treatment of organic waste with recycle of gas
and wastewater and particular slag
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
==========
2/6/148 (Item 24 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Effect of post-combustion chamber conditions in refuse combustion
equipment on the quality of crude gas and slag
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/150 (Item 26 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Operation of fluidized-bed incinerator for industrial wastes or municipal refuse treatment
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/154 (Item 30 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Method and device for suppressing generation of minute algae in water by using incinerator slag
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/155 (Item 31 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Method for treatment of solid waste having large water content to be molten slag with purification of flue gas
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/157 (Item 33 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Newest developments and long-term experiences in fluidized-bed combustion technology.
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/158 (Item 34 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
System for gasification of waste garbage and melting fly ashes with improved slag discharge
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/159 (Item 35 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Elaboration of a MSWI fly ash solidification stabilization process: use of statistical design of experiments
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/161 (Item 37 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Municipal refuse treatment for recovering valuable materials while detoxicating waste gases
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/162 (Item 38 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Treatment of slag from ashes from incineration of municipal refuse and wastewater treatment sludge
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/165 (Item 41 from file: 399)DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Gasification and smelting system using oxygen blowing for municipal waste
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/166 (Item 42 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Plant for incineration of garbage and melting slag and its structure
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/167 (Item 43 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Environmental properties of vitrified fly ash from hazardous and municipal waste incineration
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/172 (Item 48 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Method for melting municipal refuse incineration residue without increasing viscosity of slag
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/175 (Item 51 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Melting and burning apparatus for dry distillation and thermal decomposition of wastes and capable of recovering granulated slag with little heavy metal contamination
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/179 (Item 55 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Hydraulic compositions obtained from incinerator ash and their hardened products
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
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2/6/180 (Item 56 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Melting treatment of incinerator residue containing salts for slag recovery as aggregate

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CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
2/6/182 (Item 58 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
System for gasification and melting treatment of waste garbage with improved slag
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
2/6/183 (Item 59 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Apparatus treatment of melting slag from ash melting treatment in garbage treatment facility to reduce lead content
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
2/6/184 (Item 60 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Production of granulated slag with smooth surface
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
2/6/185 (Item 61 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Calcium silicate compositions containing incinerator ash molten slag for forming construction materials
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
2/6/186 (Item 62 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Characterization and assessment of refuse incinerator slag from 15 refuse incinerators with different technology
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
2/6/187 (Item 63 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Method for reducing heavy metals leaching from municipal refuse incineration ash and/or slag
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
2/6/188 (Item 64 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Valorization of LD slag with treated urban wasteCA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
2/6/189 (Item 65 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Combustion melting furnace for waste garbage with improved slag discharge
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
2/6/190 (Item 66 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Manufacture of high-strength rock wool from molten slag of municipal refuse incineration ash
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
2/6/191 (Item 67 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Ground strengthening material from garbage incinerator ash-based slag
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
2/6/192 (Item 68 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Metal recovery from slag generated by melting wastes
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
2/6/193 (Item 69 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Pavement test of asphalt admixture with molten slag of municipal solid waste incineration ash
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
2/6/194 (Item 70 from file: 399)
DIALOG(R)File 399:(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.
Method for operation of combustion melting furnace in waste treatment apparatus with control of slag temperature
CA SEARCH(R) 1967-2001/UD=13601 (c) 2001 AMERICAN CHEMICAL SOCIETY
2/6/198 (Item 74 from file: 399)
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Method for separation of molten salt and molten slag in melting incinerator ashes
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2/6/199 (Item 75 from file: 399)
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Manufacture of tiles from garbage incineration ash slag
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2/6/200 (Item 76 from file: 399)

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