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(54) Title: METHOD FOR THE USE OF ELECTRIC STEEL PLANT SLAG FOR SELF-REDUCING AGGLOMERATES

(57) Abstract: The present invention refers to a method for using electric steel plant slag, ground and/or in particles of less than 6 mm, in self-reducing agglomerates, in the form of pellets or briquettes, as a fluxing material and as a secondary source of iron, in sufficient amounts to adjust the binary basicity of the final slag (ration of CaO/SiO₂) of the reducing/melting process to values equal or greater than 1.1. This application enables a reject that is difficult to discard to be transformed into a secondary source of iron and a final slag having adequate characteristics to be used in the concrete and asphalt paving industries.

INTERNATIONAL SEARCH REPORT

International Application No
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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C21C7/076 C22B7/04 C22B1/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C22B C21C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 4 168 966 A (FURUI TAKEO ET AL) 25 September 1979 (1979-09-25) abstract column 1, line 10 - line 14 column 3, line 5 - line 28 column 6, line 32 - line 53 claims 1-3,5,6,8,9; figure 2 ---	1,4,7 2,3,5,6, 8,9
X A	US 5 695 543 A (SHIELDS DESMOND L) 9 December 1997 (1997-12-09) abstract column 1, line 5 - line 14 column 2, line 27 - line 63 column 3, line 15 - line 32 column 3, line 57 - column 4, line 13 claims 1,5-8; figures 1,2 --- -/--	1,2 3,4

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- * & * document member of the same patent family

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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Ceulemans, J
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INTERNATIONAL SEARCH REPORT

Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Information on patent family members

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