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EUROPEAN PATENT APPLICATION

21 Application number: **89300681.7**

51 Int. Cl.4: **C 21 C 1/02**
C 21 C 7/064

22 Date of filing: **25.01.89**

30 Priority: **09.02.88 GB 8802951**

43 Date of publication of application:
16.08.89 Bulletin 89/33

84 Designated Contracting States:
AT BE DE ES FR GB IT LU NL SE

88 Date of deferred publication of search report:
14.02.90 Bulletin 90/07

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54 **Metallurgical treatment agents.**

57 Metallurgical treatment agents for molten ferrous metals e.g. iron and steel and suitable for desulphurising molten iron and steel comprise particulate magnesium coated with a first coating of a hydrophobic liquid and a second coating of particulate soda ash. The coated magnesium possesses improved flowability and is less prone to premature reaction when subjected to high temperatures. The soda ash provides enhanced desulphurisation of molten ferrous metals than may be obtained by e.g. refractory coated magnesium.



EP 89 30 0681

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
Y	GB-A-1 379 654 (FOSEO) * Claims * ---	1	C 21 C 1/02 C 21 C 7/064
Y	DE-C- 881 797 (DEUTSCHE SOLVAY) * Page 2, lines 15-20; claims * ---	1	
A	CAHIERS D'INFORMATIONS TECHNIQUES, vol. 78, no. 3, March 1981, pages 201-205, Paris, FR; J. CORDIER et al.: "Désulfuration et traitement de la fonte par injection de magnésium: le procédé USIRMAG 2" * Page 203, left-hand column, last paragraph * ---	1	
A	WO-A-7 900 398 (FOSECO) ---		
A	FR-A-2 228 844 (ACIERIES REUNIES) -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			C 21 C C 22 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 24-11-1989	Examiner OBERWALLENEY R.P.L.I.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			