

Title (en)  
METALLURGICAL TREATMENT AGENTS

Publication  
**EP 0328270 A3 19900214 (EN)**

Application  
**EP 89300681 A 19890125**

Priority  
GB 8802951 A 19880209

Abstract (en)  
[origin: EP0328270A2] 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.

IPC 1-7  
**C21C 1/02**; **C21C 7/064**

IPC 8 full level  
**C21C 7/04** (2006.01); **C21C 1/02** (2006.01); **C21C 1/10** (2006.01); **C21C 7/00** (2006.01); **C21C 7/06** (2006.01); **C21C 7/064** (2006.01)

CPC (source: EP)  
**C21C 1/025** (2013.01); **C21C 7/0056** (2013.01); **C21C 7/06** (2013.01); **C21C 7/064** (2013.01)

Citation (search report)

- [Y] GB 1379654 A 19750108 - FOSECO INT
- [Y] DE 881797 C 19530702 - SOLVAY WERKE GMBH
- [A] WO 7900398 A1 19790712 - FOSECO INT [GB]
- [A] FR 2228844 A1 19741206 - ARBED [LU]
- [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"

Cited by  
EP0485309A1; FR2668776A1

Designated contracting state (EPC)  
AT BE DE ES FR GB IT LU NL SE

DOCDB simple family (publication)  
**EP 0328270 A2 19890816**; **EP 0328270 A3 19900214**; BR 8900561 A 19891010; GB 8802951 D0 19880309; JP H01225714 A 19890908; ZA 89932 B 19891025

DOCDB simple family (application)  
**EP 89300681 A 19890125**; BR 8900561 A 19890209; GB 8802951 A 19880209; JP 2732889 A 19890206; ZA 89932 A 19890207