

Title (en)

AGENT IN WIRE FORM FOR TREATING MOLTEN METALS

Publication

EP 0030043 A3 19811104 (DE)

Application

EP 80201001 A 19801022

Priority

DE 2948636 A 19791204

Abstract (en)

[origin: EP0030043A2] Molten metals are often given a post-treatment with a metallic or non-metallic treatment agent. The treatment agent can also be fed to the melt in wire form. In such an agent in wire form for treating molten metals, reactive metal powder is sheathed in a ferrous metal. In order to increase the reaction yield and to achieve a trouble-free outcome of the reaction, a powdered mixture composed of at least one of the metals (A) magnesium, calcium and the rare earths and also at least one of the metals (B) iron, nickel and manganese is provided.

IPC 1-7

C21C 1/10; C21C 7/00

IPC 8 full level

C21C 1/10 (2006.01); **C21C 7/00** (2006.01)

CPC (source: EP)

C21C 1/105 (2013.01); **C21C 7/0056** (2013.01)

Citation (search report)

- [A] US 3459541 A 19690805 - HOHL WILLARD R, et al
- [A] DE 1302000 B 19690925 - ELEKTROMETALLURGIE GMBH
- [A] DE 2753282 A1 19780608 - FOSECO INT
- [A] DE 1758468 B1 19730823 - JAERNFOERAEDLING AB
- [A] DE 2603412 B2 19780413
- [AD] DE 2738379 A1 19781130 - METAL RESEARCH CORP
- [AD] DE 2531573 A1 19760129 - CATERPILLAR TRACTOR CO

Cited by

CN111518989A; FR2928936A1; GB2248455A; FR2792234A1; FR2576320A1; EP0353804A1; EP0066305A1; US5328502A; FR2638112A1; EP0190089A1; US6685763B1; WO2009130428A3; WO8602949A1; WO0062957A1; WO9113176A1; WO8604359A1; WO2022117315A1

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