

Title (en)

Additive for treating molten metal, in particular for treating molten iron or steel

Title (de)

Zusatzmittel zur Behandlung von geschmolzenem Metall, insbesondere Eisen oder Stahl

Title (fr)

Additif pour le traitement de métal fondu, en particulier pour le traitement de la fonte ou de l'acier en fusion

Publication

EP 0691410 A1 19960110 (EN)

Application

EP 95304716 A 19950705

Priority

JP 18506694 A 19940705

Abstract (en)

According to the present invention there is provided a molten metal additive easy to manufacture and handle and capable of affording a high quality product in a small amount thereof used and in a simple and stable manner. The molten metal additive is obtained by covering an additive necessary for the treatment of molten iron with a solid metal plate whose main component is iron, nickel or aluminum, and then making the solid metal plate with the additive contained therein into a granular or massive shape. <MATH>

IPC 1-7

C21C 1/10; **C21C 7/00**

IPC 8 full level

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CPC (source: EP US)

C21C 1/105 (2013.01 - EP); **C21C 7/0056** (2013.01 - EP US)

Citation (applicant)

- JP S4532337 B1
- JP S565436 B2 19810204
- JP S604242 B2 19850202
- "Japanese Industrial Standard G-3459"
- "Japanese Industrial Standard A-1050"
- "Japanese Industrial Standard G-3461"

Citation (search report)

- [X] LU 31206 A1
- [X] FR 2033980 A5 19701204 - SUNDIN PER
- [X] US 3915693 A 19751028 - RASMUSSEN ROBERT T C
- [X] DE 1533326 A1 19691218 - METALLGESELLSCHAFT AG, et al
- [A] US 3314787 A 19670418 - BRUCE GOODRICH CHARLES, et al & JP S4532337 B1
- [A] US 4040818 A 19770809 - CLEGG GORDON A, et al & JP S5173919 A 19760626 - MAGNESIUM ELEKTRON LTD
- [A] US 3945819 A 19760323 - EASWARAN JAIRAJ, et al

Cited by

CN109504821A; CN115198050A; CN109593899A; WO2022129612A1

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DE FR GB

DOCDB simple family (publication)

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