

Title (en)
PRODUCT FOR THE DESULPHURIZATION OF CAST IRONS AND STEELS.

Title (de)
PRODUKT ZUR ENTSCHEFELUNG VON GUSSEISEN UND STAHL.

Title (fr)
PRODUIT POUR LA DESULFURATION DES FONTES ET ACIERS.

Publication
EP 0029038 A1 19810527 (FR)

Application
EP 80900923 A 19801201

Priority
FR 7913279 A 19790515

Abstract (en)
[origin: WO8002565A1] The product is formed by the association of granulated magnesium or magnesium alloy, with roundish contours, of a grading comprised between 0.1 and 3 mm, and of a granulated slag, with a basicity index higher than 1, comprising alumina, lime, silica and magnesium oxide, and optionally an additional flux, with a grading comprised between 0.1 and 3 mm, in a ratio from 90 to 10%, and preferably from 80 to 20% of granulated magnesium, and from 10 to 90% and preferably 20 to 80% of granulated slag. Application to the desulphurization of refining and moulding cast irons, to the nodulizing of moulding cast irons, by lance injection, in a carrier gas stream, into the liquid cast iron or steel.

Abstract (fr)
Produit pour la desulfuration des fontes et aciers. Le produit est constitue par l'association de grenaille de magnesium ou d'alliage de magnesium, a contours arrondis, d'une granulometrie comprise entre 0,1 et 3 mm, et de laitier granule d'indice de basicite superieure a 1, comportant de l'alumine, de la chaux, de la silice et de la magnesie, et eventuellement un fondant supplementaire, d'une granulometrie comprise entre 0,1 et 3 mm, dans un rapport allant de 90 a 10%, et de preference de 80 a 20% de grenaille de magnesium, et de 10 a 90% et de preference de 20 a 80% de laitier granule. Application a la desulfuration des fontes d'affinage et de moulage, a la nodulisation des fontes de moulage, par injection a la lance, en courant de gaz porteur, dans la fonte ou l'acier liquide.

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C21C 1/02; **C21C 7/064**; **C21C 1/10**

IPC 8 full level
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