

Title (en)

Inoculation additive for conditioning cast iron melts treated with magnesium in a converter

Title (de)

Zusatz zu Impfmitteln zum Animpfen von in einem Konverter mit Magnesium behandelten Gusseisenschmelzen

Title (fr)

Additif d'inoculation pour le conditionnement de fontes liquides traitées à l'aide de magnésium dans un convertisseur

Publication

EP 1249504 A3 20030813 (DE)

Application

EP 02002621 A 20020205

Priority

DE 10118261 A 20010411

Abstract (en)

[origin: EP1249504A2] Additive comprises oxygen compounds which can be reduced in the melt by cast iron or by the inoculating agent. An Independent claim is also included for a process for the production of cast iron products using the above additive in a converter. Preferred Features: The additive is made from iron and oxides of iron.

IPC 1-7

C21C 1/08; **C21C 1/10**; **C22B 7/00**; **B22D 27/20**; **C22B 7/04**; **C22C 33/10**

IPC 8 full level

C21C 1/08 (2006.01); **C21C 1/10** (2006.01); **C21C 7/00** (2006.01)

CPC (source: EP)

C21C 1/08 (2013.01); **C21C 1/105** (2013.01); **C21C 7/0068** (2013.01)

Citation (search report)

- [XY] DE 2245902 A1 19740404 - SCHMIDT GMBH KARL
- [Y] WO 9524508 A1 19950914 - ELKEM AS [NO], et al
- [Y] DATABASE WPI Section Ch Week 198408, Derwent World Patents Index; Class M24, AN 1984-047515, XP002245148
- [Y] DATABASE WPI Section Ch Week 199432, Derwent World Patents Index; Class M22, AN 1994-261819, XP002245149
- [Y] DATABASE WPI Section Ch Week 198023, Derwent World Patents Index; Class M22, AN 1980-40975C, XP002245150

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1249504 A2 20021016; **EP 1249504 A3 20030813**; DE 10118261 A1 20021017

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