

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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