

Title (en)

Ferroalloy for the inoculation of spheroidal graphite cast iron

Title (de)

Ferrolegierung für die Impfung von Kugelgraphitgusseisen

Title (fr)

Ferroalliage pour l'inoculation des fontes à graphite sphéroïdal

Publication

EP 0816522 B1 20010228 (FR)

Application

EP 97420097 A 19970623

Priority

- FR 9608151 A 19960625
- FR 9702040 A 19970217

Abstract (en)

[origin: EP0816522A1] An alloy which is added to the melt when making spheroidal graphite cast iron comprises (wt.%) 0.005-3% rare earths, 0.005-3% bismuth, lead and/or antimony, 0.3-3%, preferably 0.5-2%, calcium, 0.3-3%, preferably 0.5-1.5%, magnesium and the balance silicon and iron in a ratio of Si to Fe of >2, preferably >2.5. The alloy may be added to the melt in the form of wire wool.

IPC 1-7

C22C 35/00; **C21C 1/10**

IPC 8 full level

C21C 1/10 (2006.01); **C22C 35/00** (2006.01)

CPC (source: EP US)

C21C 1/105 (2013.01 - EP US); **C22C 35/005** (2013.01 - EP US)

Cited by

US6910292B2; EP2090666A1; FR2839082A1; FR2855186A1; NO341920B1; WO2014076404A1; WO2004104252A1; WO03093514A3; US7569092B2; US11987924B2

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