

Title (en)

Ferritic ductile cast iron for elevated temperature applications.

Title (de)

Ferritisches Kugelgraphit-Gusseisen für den Einsatz bei erhöhter Temperatur.

Title (fr)

Fonte ductile ferritique pour applications à température élevée.

Publication

EP 0241812 A2 19871021 (EN)

Application

EP 87104872 A 19870402

Priority

US 84861286 A 19860407

Abstract (en)

Elevated temperature brittleness may be avoided in ferritic ductile iron by limiting the presence of residual quantities of sulfur (S) and residual quantities of magnesium (Mg) by percent by weight such that the parameter (Mg + 4.5S) is no greater than 0.070.

IPC 1-7

C22C 37/04

IPC 8 full level

C22C 37/04 (2006.01)

CPC (source: EP KR)

C22C 33/00 (2013.01 - KR); **C22C 37/04** (2013.01 - EP)

Cited by

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Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0241812 A2 19871021; **EP 0241812 A3 19900822**; **EP 0241812 B1 19930908**; DE 3787302 D1 19931014; DE 3787302 T2 19940224; JP S62263950 A 19871116; KR 870010207 A 19871130

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EP 87104872 A 19870402; DE 3787302 T 19870402; JP 8397787 A 19870407; KR 870003265 A 19870407