

Title (en)
Cast iron

Title (de)
Gusseisenlegierung

Title (fr)
Fonte coulée

Publication
EP 1386976 B1 20050824 (DE)

Application
EP 03009679 A 20030430

Priority
DE 10233732 A 20020724

Abstract (en)
[origin: EP1386976A1] A cast iron alloy for a cast iron product, comprises, as ferrous constituents, positive additions of carbon, silicon, molybdenum, or aluminum, where the carbon is present at less than 2.9 wt.%. An independent claim is also included for a process for producing the cast iron alloy comprising adding aluminum (Al) and zirconium (Zr) as Al-Zr prealloy immediately before the alloy melt is cast.

IPC 1-7
C22C 37/04; **C22C 37/10**

IPC 8 full level
F01N 13/10 (2010.01); **C21C 1/10** (2006.01); **C22C 33/08** (2006.01); **C22C 37/04** (2006.01); **C22C 37/08** (2006.01); **C22C 37/10** (2006.01); **F01N 13/16** (2010.01); **F02B 39/00** (2006.01)

CPC (source: EP US)
C22C 33/08 (2013.01 - EP US); **C22C 37/04** (2013.01 - EP US); **C22C 37/10** (2013.01 - EP US)

Cited by
EP2924138A1; CN107801426A; EP1865082A1; US11667995B2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
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