

Title (en)
Casting mould

Title (de)
Gusskörper

Title (fr)
Corps en fonte

Publication
EP 2386660 B1 20170322 (DE)

Application
EP 11165452 A 20110510

Priority
DE 202010006651 U 20100510

Abstract (en)
[origin: EP2386660A1] A novel casting (1) of ferrous alloy has an internal zone (5) of gray cast iron, enclosed in a peripheral edge zone (6) which has surface hardness more than 400 HV and is of finely or very finely banded pearlite containing inclusions of free graphite (specifically spherical graphite (SG), vermicular graphite or an intermediate structure between spherical and vermicular graphites).

IPC 8 full level
C21D 5/00 (2006.01); **C21D 9/00** (2006.01); **C22C 37/04** (2006.01)

CPC (source: EP)
C21D 5/00 (2013.01); **C21D 9/0068** (2013.01); **C22C 37/00** (2013.01); **C22C 37/04** (2013.01); **C22C 37/10** (2013.01); **B21B 27/00** (2013.01); **C21D 5/14** (2013.01); **C21D 2211/005** (2013.01); **C21D 2211/009** (2013.01); **C21D 2221/10** (2013.01)

Cited by
CN105728557A; CN109227046A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 202010006651 U1 20100805; EP 2386660 A1 20111116; EP 2386660 B1 20170322; IT MI20110150 U1 20111111

DOCDB simple family (application)
DE 202010006651 U 20100510; EP 11165452 A 20110510; IT MI20110150 U 20110509