

Title (en)
Die casting alloy

Title (de)
Druckgusslegierung

Title (fr)
Alliage pour coulée sous pression

Publication
EP 0687742 B1 19970910 (DE)

Application
EP 95810386 A 19950612

Priority
CH 190194 A 19940616

Abstract (en)
[origin: EP0687742A1] A die cast alloy consists of (wt.%): 9.5-11.5 Si, 0.1-5 Mg, 0.5-0.8 Mn, max. 0.15 Fe, max. 0.03 Cu, max. 0.10 Zn, max. 0.15 Ti, the balance Al, and 30-300 ppm Sr, for lasting refinement.

IPC 1-7
C22C 21/04; B60B 3/06; C22C 21/02

IPC 8 full level
C22C 21/02 (2006.01); **C22C 21/04** (2006.01)

CPC (source: EP KR US)
C22C 21/02 (2013.01 - EP KR US); **C22C 21/04** (2013.01 - EP KR US)

Cited by
DE102013200847A1; DE10002021C2; DE102013200847B4; CN112646992A; CN110603341A; EP0992601A1; EP0997550A1; EP1331281A1; EP2226397A1; CN103146962A; EP3128021A4; DE102006032699A1; DE102006032699B4; DE102005061668B4; EP1972695A1; DE10352932A1; DE10352932B4; EP3176275A1; US6752885B1; US8480822B2; DE102010055011A1; EP1612286A3; NO339588B1; EP1443122A1; CN1320144C; FR2818288A1; CN102304651A; EP1719820A3; NO337610B1; WO2010124835A1; WO2010100204A1; WO2008006908A1; WO2011030500A1; WO0248414A1; WO2013144343A1; US9243312B2; EP3235917A1; WO2017182102A1; US11421305B2; WO2023083567A1

Designated contracting state (EPC)
AT DE ES FR GB IT SE

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EP 0687742 A1 19951220; EP 0687742 B1 19970910; AT E158025 T1 19970915; AU 2011595 A 19960104; AU 689872 B2 19980409; BR 9502816 A 19960116; CA 2151884 A1 19951217; CA 2151884 C 20070313; CH 689143 A5 19981030; DE 59500630 D1 19971016; ES 2109798 T3 19980116; JP 3255560 B2 20020212; JP H0841575 A 19960213; KR 100754039 B1 20071217; KR 960001158 A 19960125; NO 306867 B1 20000103; NO 952344 D0 19950614; NO 952344 L 19951215; US 6364970 B1 20020402; ZA 954057 B 19960119

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