

Title (en)
Aluminium casting alloy

Title (de)
Aluminium-Gusslegierung

Title (fr)
Alliage de coulée à base d'aluminium

Publication
EP 0911420 B1 20020424 (DE)

Application
EP 98810210 A 19980312

Priority
• EP 98810210 A 19980312
• EP 97810756 A 19971008

Abstract (en)
[origin: EP0911420A1] An aluminum casting (especially die casting) alloy has composition (by wt.): 2.0-3.5 % Mg, 0.15-0.35 % Si, 0.20-1.2 % Mn, NOTGREATER 0.40 % Fe, NOTGREATER 0.10 % Cu, NOTGREATER 0.05 % Cr, NOTGREATER 0.10 % Zn, NOTGREATER 0.003 % Be, NOTGREATER 0.20 % Ti, NOTGREATER 0.60 % Co, NOTGREATER 0.80 % Ce, balance Al and NOTGREATER 0.2 % total (NOTGREATER 0.02 % each) of impurities.

IPC 1-7
C22C 21/08

IPC 8 full level
C22C 21/08 (2006.01)

CPC (source: EP US)
C22C 21/08 (2013.01 - EP US)

Cited by
EP1118686A1; CN111763859A; EP1118685A1; CN109628804A; EP1129228A4; US6306342B2

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

DOCDB simple family (publication)
EP 0911420 A1 19990428; EP 0911420 B1 20020424; BR 9803822 A 19991214; CA 2249762 A1 19990408; US 6309481 B1 20011030

DOCDB simple family (application)
EP 98810210 A 19980312; BR 9803822 A 19981007; CA 2249762 A 19981007; US 16382298 A 19980930