

Title (en)
CAST ALUMINIUM ALLOY

Title (de)
ALUMINIUM-GUSSLEGIERUNG

Title (fr)
ALLIAGE D'ALUMINIUM DE FONDERIE

Publication
EP 0792380 B2 20020731 (DE)

Application
EP 95937067 A 19951113

Priority
• CH 341894 A 19941115
• EP 9504449 W 19951113

Abstract (en)
[origin: EP0853133A1] Al alloy consists of in wt. %: 3-6 Mg; 1.4-3.5 Si; 0.5-2 Mn; max. 0.2 Ti; max. 0.15 Fe; balance Al plus impurities of max. 0.02 individual elements of 0.2 total.

IPC 1-7
C22C 21/08; **C22C 1/00**

IPC 8 full level
C22C 1/00 (2006.01); **C22C 21/08** (2006.01)

CPC (source: EP)
C22C 1/12 (2023.01); **C22C 21/08** (2013.01)

Citation (opposition)
Opponent :
• JP H01149938 A 19890613 - UBE INDUSTRIES
• Z. Metallkunde, 1988, H. 6, S. 403-406
• Z. Metallkunde, 1989, H. 2, S. 118-122
• Z. Metallkunde, 1989, H. 6, S. 425-427
• Giesserei 77 (1990) 19, S. 613-617
• Lehrgang Nr. 17939/54.041, "Aluminiumwerkstofftechnik für den Automobilbau, Teil C", Tech. Akademie Esslingen, 17-18.2.94, 16 Seiten
• Giesserei 81 (1994) 11, S. 342-349
• Aluminium 70 (1994) 5/6, S. 344-351
• Giesserei-Praxis (1994) 11/12, S. 317-326
• Metals Handbook, Vol. 15, 9th Ed. 1988, S. 327-338
• Giesserei 77 (1990) 22, S. 693-699

Cited by
KR20180126559A; US6623570B2; DE10352932A1; DE10352932B4; US6547896B2; WO0109401A1; WO2013144343A1

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

DOCDB simple family (publication)
WO 9615281 A1 19960523; AT E177158 T1 19990315; AT E201457 T1 20010615; AU 3928495 A 19960606; DE 59505226 D1 19990408; DE 59509294 D1 20010628; EP 0792380 A1 19970903; EP 0792380 B1 19990303; EP 0792380 B2 20020731; EP 0853133 A1 19980715; EP 0853133 B1 20010523; ES 2129866 T3 19990616; ES 2129866 T5 20030101; ES 2158428 T3 20010901

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