

Title (en)
Aluminium casting alloy

Title (de)
Aluminium-Gusslegierung

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

Publication
EP 1167560 A1 20020102 (EN)

Application
EP 01201442 A 20010420

Priority
• EP 01201442 A 20010420
• EP 00202222 A 20000627

Abstract (en)
The invention relates to an aluminium casting alloy and to cast products made thereof consisting of, in weight percent: Mg 1.0 - 2.6, Si 0.5 - 2.0, Mn 0.9 - 1.4, Fe < 0.50, Cu < 1.0, Zn < 0.30, Ti < 0.20, Be < 0.003, balance aluminium and inevitable impurities.

IPC 1-7
C22C 21/08

IPC 8 full level
C22C 21/08 (2006.01)

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

Citation (search report)
• [X] US 4605448 A 19860812 - BABA YOSHIO [JP], et al
• [A] US 4645544 A 19870224 - BABA YOSHIO [JP], et al
• [DA] WO 0017410 A1 20000330 - GIBBS DIE CASTING ALUMINUM [US], et al
• [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 414 (C - 635) 13 September 1989 (1989-09-13)
• [A] W.HUFNAGEL: "ALUMINIUM TASCHENBUCH", 1983, ALUMINIUM VERLAG, DÜSSELDORF, DE, XP002154203
• [A] D.BIRCHON: "DICTIONARY OF METALLURGY", 1965, GEORGE NEWNES, LONDON, GB, XP002180065

Cited by
CN111809086A; CN103343268A; CN104493031A; US9528804B2; WO2015053820A1; WO2006037647A1; WO2022139629A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1167560 A1 20020102; EP 1167560 B1 20100414

DOCDB simple family (application)
EP 01201442 A 20010420