

Title (en)
ALUMINIUM DIE CASTING ALLOY

Title (de)
Aluminiumdruckgusslegierung

Title (fr)
Alliage d'aluminium de coulée sous pression

Publication
EP 2396436 A1 20111221 (EN)

Application
EP 11712263 A 20110406

Priority

- EP 2011055318 W 20110406
- EP 10159192 A 20100407
- EP 11712263 A 20110406

Abstract (en)
[origin: WO2011124590A1] Aluminum die casting alloy comprising 2 to 6 % by weight nickel, 0.1 to 0.4 % by weight zirconium, 0.1 to 0.4 % by weight vanadium, optionally up to 5 % by weight manganese, optionally up to 2 % by weight iron, optionally up to 1 % by weight titanium, optionally total max. 5 % by weight transition elements including scandium, lanthanum, yttrium, hafnium, niobium, tantalum, chromium and/or molybdenum, and aluminum as the remainder with further elements and impurities due to production total max. 1 % by weight.

IPC 8 full level
C22C 21/00 (2006.01); **C22F 1/04** (2006.01)

CPC (source: EP KR US)
B22D 17/20 (2013.01 - US); **C22C 21/00** (2013.01 - EP KR US); **C22F 1/04** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2011124590A1

Designated contracting state (EPC)
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WO 2011124590 A1 20111013; AU 2011237946 A1 20120927; BR 112012025191 A2 20160621; CA 2793148 A1 20111013; CN 102869799 A 20130109; CN 102869799 B 20150603; EP 2396436 A1 20111221; EP 2396436 B1 20130724; EP 2653578 A1 20131023; EP 2653578 B1 20140917; ES 2529473 T3 20150220; JP 2013528699 A 20130711; KR 20130067242 A 20130621; MX 2012011575 A 20121205; PL 2653578 T3 20150331; RU 2012145233 A 20140520; RU 2570264 C2 20151210; US 2013199680 A1 20130808

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