

Title (en)

TREATMENT OF AN ALUMINIUM ALLOY MELT

Title (de)

BEHANDLUNG EINER ALUMINIUMLEGIERUNGSSCHMELZE

Title (fr)

TRAITEMENT D'UNE MASSE FONDUE D'ALLIAGE D'ALUMINIUM

Publication

EP 1090156 B1 20030319 (DE)

Application

EP 99928168 A 19990621

Priority

- EP 99928168 A 19990621
- EP 98810594 A 19980626
- IB 9901260 W 19990621

Abstract (en)

[origin: EP0967294A1] The dross forming tendency of an aluminum-magnesium alloy melt is reduced by addition of vanadium and a very small quantity of beryllium. The susceptibility of an aluminum alloy melt containing ≥ 2.5 wt.% Mg to dross formation is reduced by addition of 0.02-0.15 wt.% V and less than 60 ppm Be.

IPC 1-7

C22C 21/06; **C22C 1/02**; **B22D 21/04**

IPC 8 full level

B22D 21/04 (2006.01); **C22B 9/10** (2006.01); **C22B 21/00** (2006.01); **C22C 1/02** (2006.01); **C22C 21/06** (2006.01); **C22C 21/08** (2006.01)

CPC (source: EP US)

C22C 21/06 (2013.01 - EP US); **C22C 21/08** (2013.01 - EP US)

Cited by

DE102010055120A1; EP4194575A1; WO2023104652A1

Designated contracting state (EPC)

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EP 0967294 A1 19991229; AT E234941 T1 20030415; AU 4528099 A 20000117; BR 9911582 A 20010320; CA 2336016 A1 20000106; CA 2336016 C 20080212; DE 59904642 D1 20030424; EP 1090156 A1 20010411; EP 1090156 B1 20030319; ES 2193716 T3 20031101; JP 2002519510 A 20020702; JP 4287594 B2 20090701; NO 20006494 D0 20001219; NO 20006494 L 20001219; NO 331736 B1 20120312; US 6994759 B1 20060207; WO 0000654 A1 20000106

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