

Title (en)

Manganese and magnesium rich aluminium strip

Title (de)

Mangan- und hoch magnesiumreiches Aluminiumband

Title (fr)

Bande d'aluminium riche en manganèse et très riche en magnésium

Publication

EP 2243849 B1 20130710 (DE)

Application

EP 09158704 A 20090424

Priority

EP 09158704 A 20090424

Abstract (en)

[origin: EP2243849A1] Aluminum alloy comprises (in wt.%): iron (less than 0.4); magnesium (0.41-0.7); silicon (0.05-0.25); manganese (0.1-0.6); copper (= 0.04); titanium (less than 0.1); zinc (= 0.1); chromium (= 0.1); and balance amount includes aluminum and unavoidable impurities each more than 0.05% to give a total of maximum 0.15%. Independent claims are included for: (1) an aluminum strip, for manufacturing lithographic printing plate support, made from the above aluminum alloy with a thickness of 0.15-5 mm; and (2) manufacturing aluminum strips comprising the above aluminum alloy comprising casting a ingot, homogenizing the ingot at 450-610[deg] C, hot-rolling the ingot to a thickness of 2-9 mm and cold-rolling the ingot with or without intermediate annealing to a thickness of 0.15-0.5 mm.

IPC 8 full level

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CPC (source: EP KR US)

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