Title (en)

Aluminum-lithium alloy (3).

Title (de)

Aluminium-Lithium-Legierung.

Title (fr)

Alliage aluminium-lithium.

Publication

EP 0156995 A1 19851009 (EN)

Application

EP 84115928 A 19841220

Priority

US 56735683 A 19831230

Abstract (en)

An aluminium-lithium alloy exhibiting good fracture toughness and relatively high strength having a composition of 2,0 to 2,4% Li, 2,3 to 2,7% Cu, up to 0,9% Mg, up to 0,15% Zr, up to 0,15% Fe, up to 0,12% Si, balance Al. A preferred composition has 2,2% Li, 2,5% Cu, 0,7% Mg, 0,12% Zt, balance Al.

IPC 1-7

C22C 21/00; C22C 21/12

IPC 8 full level

C22C 21/00 (2006.01); **C22C 21/12** (2006.01)

CPC (source: EP)

C22C 21/00 (2013.01); **C22C 21/12** (2013.01)

Citation (search report)

- [A] GB 787665 A 19571211 - STONE & COMPANY CHARLTON LTD J
- [X] CHEMICAL ABSTRACTS, vol. 77, no. 26, 1972, page 199, no. 167699m, Columbus, Ohio, US; B.NOBLE et al.: "T1(Al2CuLi) precipitation in aluminum-copper-lithium alloys" & METAL SCI. J.1972, 6(SEPT.), 167-74

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US5066342A; US4869870A; US5137686A; US5108519A; DE3613224A1; EP0214381A1; US4961792A; EP0250656A1; TWI448571B

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DE FR GB IT NL

DOCDB simple family (publication)

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DOCDB simple family (application)

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