

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% Zr, 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

Designated contracting state (EPC)  
DE FR GB IT NL

DOCDB simple family (publication)  
**EP 0156995 A1 19851009**; **EP 0156995 B1 19940928**; DE 3486352 D1 19941103; DE 3486352 T2 19950420; JP S60211035 A 19851023

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**EP 84115928 A 19841220**; DE 3486352 T 19841220; JP 28208884 A 19841228