

Title (en)  
Aluminum-lithium alloys.

Title (de)  
Aluminium-Lithium-Legierungen.

Title (fr)  
Alliages aluminium-lithium.

Publication  
**EP 0325937 B1 19940309 (EN)**

Application  
**EP 89100355 A 19890110**

Priority  
• US 14980288 A 19880128  
• US 17250688 A 19880324

Abstract (en)  
[origin: EP0325937A1] Disclosed is an aluminum base alloy suitable for forming into a wrought product having improved combinations of strength, corrosion resistance and fracture toughness. The alloy is comprised of 0.2 to 5.0 wt.% Li, 0.05 to 6.0 wt.% Mg, at least 2.45 wt.% Cu, 0.01 to 0.16 wt.% Zr, 0.05 to 12 wt.% Zn, 0.5 wt.% max. Fe, 0.5 wt.% max. Si, the balance aluminum and incidental impurities.

IPC 1-7  
**C22C 21/00**; **C22C 21/12**; **C22F 1/04**; **C22F 1/057**

IPC 8 full level  
**C22C 21/00** (2006.01); **C22C 21/12** (2006.01); **C22F 1/00** (2006.01); **C22F 1/04** (2006.01); **C22F 1/057** (2006.01)

CPC (source: EP)  
**C22C 21/00** (2013.01); **C22C 21/12** (2013.01); **C22F 1/04** (2013.01); **C22F 1/057** (2013.01)

Cited by  
WO9111540A1; EP0517884A4; CN104152753A; EP0512056A1; US2017292180A1; EP0584271A4; EP1170394A3; DE4123560B4;  
CN111500901A; CN106893897A; CN110484792A; GB2291431A; GB2291431B; US5820708A; US5455003A; GB2262744A; GB2262744B;  
CN104164597A; CN108754358A; US6562154B1; US10724127B2; WO9504837A1; WO9424329A1; WO2018144568A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
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DE 68913561 D1 19940414; DE 68913561 T2 19941020; JP 3101280 B2 20001023; JP H01242750 A 19890927

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**EP 89100355 A 19890110**; CA 587864 A 19890110; DE 4123560 A 19910716; DE 68913561 T 19890110; JP 1936489 A 19890127