

Title (en)  
Aluminum-lithium alloys.

Title (de)  
Aluminium-Lithium-Legierungen.

Title (fr)  
Alliages aluminium-lithium.

Publication  
**EP 0325937 A1 19890802 (EN)**

Application  
**EP 89100355 A 19890110**

Priority  
• US 14980288 A 19880128  
• US 17250688 A 19880324

Abstract (en)  
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)

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**C22C 21/00** (2013.01); **C22C 21/12** (2013.01); **C22F 1/04** (2013.01); **C22F 1/057** (2013.01)

Citation (search report)  
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**EP 89100355 A 19890110**; CA 587864 A 19890110; DE 4123560 A 19910716; DE 68913561 T 19890110; JP 1936489 A 19890127