

Title (en)  
LARGE LATTICE PARAMETER METAL ALLOY

Publication  
**EP 0296073 B1 19910306 (FR)**

Application  
**EP 88420181 A 19880602**

Priority  
FR 8708304 A 19870605

Abstract (en)  
[origin: US4865665A] The invention concerns a metal alloy with large lattice spacings (>than 1 nm), and consisting essentially of, by weight: at least one element selected from a group A consisting of Al, Zn and Cu, total group A elements being 44-92%; at least one element selected from a group B consisting of Ag, Ga and Au, total group B elements being 0-46%, with % group A+group B=88-92%, and <IMAGE> a group C element which is Li in an amount of 7.2-12%; at least one element selected from a group D consisting of Mg, K, Na, and Ca, total group D elements being 0-12%, with % group C+% group D=8-12%, <IMAGE> and % group A+% group B+% group C+% group D=100%; said alloy additionally comprising elemental impurities in an amount of less than 1% each and less than 5% total, based on the total weight of the alloy.

IPC 1-7  
**C22C 21/10**

IPC 8 full level  
**C22C 21/00** (2006.01); **C22C 21/10** (2006.01); **G01J 3/12** (2006.01)

IPC 8 main group level  
**C22C** (2006.01)

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**EP 0296073 A1 19881221; EP 0296073 B1 19910306**; AT E61418 T1 19910315; DE 3861921 D1 19910411; DK 299488 A 19881206; DK 299488 D0 19880602; ES 2021459 B3 19911101; FI 882614 A0 19880602; FI 882614 A 19881206; FR 2616158 A1 19881209; FR 2616158 B1 19901019; IS 1451 B6 19910116; IS 3354 A7 19881206; JP S63312944 A 19881221; NO 168659 B 19911209; NO 168659 C 19920318; NO 882433 D0 19880602; NO 882433 L 19881206; PT 87650 A 19880701; PT 87650 B 19920930; US 4865665 A 19890912

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