

Title (en)

Dispersion strengthened mechanically-alloyed aluminium-based alloy.

Title (de)

Dispersionsverstärkte Legierung auf Aluminiumbasis durch mechanisches Legieren hergestellt.

Title (fr)

Alliage à base d'aluminium renforcé par dispersion et obtenu par le procédé d'alliage mécanique.

Publication

EP 0079749 A2 19830525 (EN)

Application

EP 82305956 A 19821109

Priority

US 32047981 A 19811112

Abstract (en)

A dispersion strengthened mechanically alloyed Al-Cu-Mg alloy is provided characterised by a combination of high tensile yield strength in the transverse direction, superior resistance to stress corrosion cracking at high strength, good fracture toughness and good ductility.

IPC 1-7

C22C 1/10; B22F 9/04; C22C 32/00

IPC 8 full level

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CPC (source: EP)

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