

Title (en)
Aluminum alloy

Title (de)
Aluminiumlegierung

Title (fr)
Alliage d'aluminium

Publication
EP 0751231 A2 19970102 (EN)

Application
EP 96110332 A 19960626

Priority
JP 16120595 A 19950627

Abstract (en)
As aluminum alloy consisting essentially of 2.3 to 5.0 wt.% of Mg, 0.03 to 0.15 wt.% of Fe, 0.05 to 0.15 wt.% of Cu, and the balance of Al. An anodic oxide film in a thickness of 5 to 25 μ m sealed by pressurized steam method may be formed on the surface of the aluminum alloy. The aluminum alloy contains an appropriate amount of Mg content, and has a sufficient strength and a favorable metallic gloss. Since nickel is not contained, metal allergy is not induced.

IPC 1-7
C22C 21/06; **G04B 37/22**

IPC 8 full level
C22C 21/00 (2006.01); **C22C 21/06** (2006.01); **C23C 8/10** (2006.01); **C25D 11/04** (2006.01); **C25D 11/18** (2006.01); **G04B 37/22** (2006.01)

CPC (source: EP KR)
C22C 21/06 (2013.01 - EP KR); **C23C 8/10** (2013.01 - EP); **C25D 11/18** (2013.01 - EP); **G04B 37/22** (2013.01 - EP)

Cited by
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Designated contracting state (EPC)
DE FR GB

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EP 96110332 A 19960626; CN 96107105 A 19960627; JP 16120595 A 19950627; KR 19960024196 A 19960626; TW 85107749 A 19960627