

Title (en)

Aluminum alloy for the production of can end sheet for cans

Title (de)

Aluminiumlegierung zur Herstellung von Deckelband für Dosen

Title (fr)

Alliage d'aluminium pour la production de bande pour couvercles de boîtes

Publication

EP 1443123 B1 20110720 (DE)

Application

EP 03001760 A 20030128

Priority

EP 03001760 A 20030128

Abstract (en)

[origin: EP1443123A1] Aluminum alloy contains (in wt.%) 0.05-0.2 silicon, 0.2-0.4 iron, 0.05-0.15 copper, 0.4-0.8 manganese, 4.7-5.4 magnesium, 0-0.1 chromium, 0-0.25 zinc, 0-0.15 titanium, not more than 4 ppm calcium and not more than 4 ppm sodium with a balance of aluminum. An independent claim is also included for a process for forming a lid strip for cans using the above alloy.

IPC 8 full level

C22C 21/08 (2006.01); **B21B 3/00** (2006.01); **C22C 21/06** (2006.01); **C22F 1/047** (2006.01)

CPC (source: EP)

B21B 3/00 (2013.01); **C22C 21/06** (2013.01); **C22C 21/08** (2013.01); **C22F 1/047** (2013.01); **B05D 2202/25** (2013.01); **B05D 2252/02** (2013.01); **B21B 2003/001** (2013.01)

Cited by

JP2010144186A; JP2018199866A; CN106906389A

Designated contracting state (EPC)

DE

DOCDB simple family (publication)

EP 1443123 A1 20040804; EP 1443123 B1 20110720

DOCDB simple family (application)

EP 03001760 A 20030128