

Title (en)

ALUMINIUM ALLOYS FOR MANUFACTURING OF ALUMINIUM CANS BY IMPACT EXTRUSION

Title (de)

ALUMINIUMLEGIERUNGEN ZUR HERSTELLUNG VON ALUMINIUMDOSEN DURCH FLIESSPRESSEN

Title (fr)

ALLIAGES D'ALUMINIUM POUR LA FABRICATION DE BOÎTES D'ALUMINIUM PAR EXTRUSION PAR PERCUSSION

Publication

**EP 3940100 A1 20220119 (EN)**

Application

**EP 20382640 A 20200716**

Priority

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Abstract (en)

The present invention provides aluminium alloys for manufacturing of aluminium cans by impact extrusion. Alloys according to the invention consist of 0.050-0.200 wt. % Si, 0.150-0.250 wt. % Fe, 0.300-0.800 wt. % Cu, 0.010-0.400 wt. % Mn, 0.050-0.200 wt. % Mg, 0.003-0.050 wt. % Cr, 0.010-0.100 wt. % Ti, 0.001-0.050 wt. % B, less than 0.15 wt. % of secondary alloying elements with less than 0.05 wt. % of any secondary alloying element, and aluminium as the remainder.

IPC 8 full level

**C22C 21/12** (2006.01); **C22C 21/14** (2006.01); **C22C 21/16** (2006.01); **C22F 1/057** (2006.01)

CPC (source: EP)

**C22C 21/12** (2013.01); **C22C 21/14** (2013.01); **C22C 21/16** (2013.01); **C22F 1/057** (2013.01)

Citation (applicant)

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- FR 2773819 A1 19990723 - CEBAL [FR]
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- EP 3075875 A1 20161005 - TALUM D D KIDRICEVO [SI]
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