

Title (en)

Method for manufacturing an aluminium alloy intended to be used in automotive manufacturing

Title (de)

Verfahren zur Herstellung einer Aluminiumlegierung zur Verwendung bei der Automobilherstellung

Title (fr)

Procédé de fabrication d'un alliage d'aluminium destiné à être utilisé dans la construction automobile

Publication

EP 2698216 A1 20140219 (EN)

Application

EP 13178860 A 20130801

Priority

US 201261684046 P 20120816

Abstract (en)

A method for manufacturing an aluminum alloy in a continuous in-line sequence, comprising the steps of providing a continuously-cast thin aluminum alloy strip, in-line hot rolling the continuously-cast strip, and annealing of the hot rolled continuously cast strip to O-temper having a yield point elongation less than 0.6%, characterized in that the aluminum alloy is used in the manufacturing of an automobile.

IPC 8 full level

B22D 11/00 (2006.01); **C22F 1/04** (2006.01); **C22F 1/047** (2006.01)

CPC (source: EP)

B22D 11/003 (2013.01); **B22D 11/1206** (2013.01); **C22F 1/04** (2013.01); **C22F 1/047** (2013.01)

Citation (search report)

- [XD] US 2005211350 A1 20050929 - UNAL ALI [US], et al
- [XA] WO 9840528 A1 19980917 - ALCAN INT LTD [CA], et al
- [A] US 6391127 B1 20020521 - WYATT-MAIR GAVIN F [US], et al
- [A] US 2003150587 A1 20030814 - LI ZHONG [US], et al

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CN106044095A; CN104942104A; CN109790612A; EA037441B1; US11554443B2; WO2018063024A1; WO2023031334A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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