

Title (en)
Production process of an aluminium alloy

Title (de)
Verfahren zur Herstellung einer Aluminium-Legierung

Title (fr)
Procédé de fabrication d'un alliage d'aluminium

Publication
EP 1972695 B1 20100818 (DE)

Application
EP 08002908 A 20080216

Priority
DE 102007012424 A 20070315

Abstract (en)
[origin: EP1972695A1] Production of an aluminum alloy comprises adding 9 wt.% silicon, a part of the magnesium used in the production of the alloy and a pre-alloy containing manganese, strontium and strontium and optionally iron and magnesium to the molten aluminum-based alloy. The alloy contains (in wt.%) 9.5-11.5 silicon, 0.3-11.0 manganese, 0.1-0.6 magnesium, maximum 0.25 iron, maximum 0.15 titanium, maximum 0.01 zinc, maximum 0.05 copper, 5-300 ppm strontium and a balance of aluminum.

IPC 8 full level
C22C 1/02 (2006.01); **C22C 1/03** (2006.01); **C22C 21/04** (2006.01)

CPC (source: EP)
C22C 21/02 (2013.01); **C22C 21/04** (2013.01)

Cited by
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