

Title (en)

Method of forming large-sized aluminum alloy product.

Title (de)

Verfahren zur Verformung eines grossen Produktes aus Aluminiumlegierung.

Title (fr)

Méthode de fabrication de produits de grandes dimensions en alliage d'aluminium.

Publication

**EP 0341714 B1 19940119 (EN)**

Application

**EP 89108490 A 19890511**

Priority

- JP 9158789 A 19890410
- JP 11562588 A 19880512

Abstract (en)

[origin: EP0341714A1] The invention provides a process for preparing a large-sized P/M aluminum alloy product comprising: extruding at a temperature between 350 and 500 DEG C and at an extrusion ratio of 2 to 10, an aluminum alloy powder consisting essentially of (a) 5 to 30% by weight of Si, (b) 0.5 to 10% by weight of at least one of the elements Cu, Mg, Fe, Ni, Cr, Mn, Mo, Zr and V with the proviso that the total amount of these elements does not exceed 30% by weight, and (c) aluminum in the remaining amount.

IPC 1-7

**C22C 1/04**; **B22F 3/20**

IPC 8 full level

**B21J 5/00** (2006.01); **B22F 3/20** (2006.01); **C22C 1/04** (2006.01); **C22C 21/02** (2006.01)

CPC (source: EP)

**B22F 3/20** (2013.01); **C22C 1/0416** (2013.01); **C22C 21/02** (2013.01)

Cited by

US6418901B2; EP1905856A4; DE10006269A1; CN103357803A; GB2316094A; GB2316094B; DE19532252C2; US6136106A; FR3083479A1; FR3083478A1; DE19532244A1; DE19532244C2; US6030577A; DE19532253A1; DE19532253C2; US6086819A; US8926898B2; EP0366134B1; WO2019155180A1; WO2020012098A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

**EP 0341714 A1 19891115**; **EP 0341714 B1 19940119**; DE 68912394 D1 19940303; DE 68912394 T2 19940526; JP 2787466 B2 19980820; JP H0250902 A 19900220

DOCDB simple family (application)

**EP 89108490 A 19890511**; DE 68912394 T 19890511; JP 9158789 A 19890410