

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.

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CPC (source: EP)

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Cited by

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

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