

Title (en)

Aluminum alloy useful in powder metallurgy process.

Title (de)

Aluminium-Legierung, verwendbar im Pulvermetallurgieverfahren.

Title (fr)

Alliage d'aluminium utile pour les procédés de la métallurgie de poudres.

Publication

**EP 0366134 A1 19900502 (EN)**

Application

**EP 89119912 A 19891026**

Priority

- JP 25432489 A 19890928
- JP 26561089 A 19891011
- JP 27216788 A 19881027

Abstract (en)

The present invention provides an aluminum alloy consisting essentially of (a) 5 to 30% by weight of Si, (b) 0.5 to 10% by weight of at least one species selected from the group consisting of Fe, Ni, Cr and Mn with the proviso that the total amount of these species cannot exceed 20% by weight, (c) 0.3 to 3% by weight of at least one species selected from the group consisting of Mo, Zr, V and Ti with the proviso that the total amount of these species cannot exceed 5% by weight, and (d) aluminum in a remaining amount. An aluminium alloy product produced by extruding said alloy is excellent in strength at high temperatures and resistance to creep.

IPC 1-7

**C22C 1/04; C22C 21/02**

IPC 8 full level

**C22C 1/04** (2006.01); **C22C 21/02** (2006.01)

CPC (source: EP)

**C22C 1/0416** (2013.01); **C22C 21/02** (2013.01)

Citation (search report)

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