

Title (en)

Method for making semiliquid cast aluminium alloys.

Title (de)

Verfahren zur Herstellung von halbfesten Aluminiumgusslegierungen.

Title (fr)

Procédé pour la fabrication d'alliages d'aluminium, coulés à l'état semi-liquide.

Publication

EP 0392998 A1 19901017 (EN)

Application

EP 90830169 A 19900417

Priority

IT 2015789 A 19890414

Abstract (en)

The method comprises the steps of bringing the aluminium alloy to a liquid status at a temperature of about 700 DEG C in a melting oven,generating a laminar flow of fused aluminium alloy and conveying it onto a tiltable surface so as to adjust the alloy flow falling rate,cooling this surface by refrigerating media circulating therein,collecting the semiliquid aluminium alloy in vessels and cooling the alloy.

IPC 1-7

C22C 1/00

IPC 8 full level

C22C 1/00 (2006.01)

CPC (source: EP)

C22C 1/12 (2023.01)

Citation (search report)

- [Y] GB 2051597 A 19810121 - FIAT RICERCHE
- [Y] GB 2080692 A 19820210 - FIAT RICERCHE
- [Y] PATENT ABSTRACTS OF JAPAN; vol. 13, no. 244 (M-834)[3592], 7th June 1989; & JP-A-1-053 738 (MITSUBISHI HEAVY IND. LTD) 01-03-1989
- [Y] PATENT ABSTRACTS OF JAPAN; vol. 13, no. 225 (M-830)[3573], 25th May 1989; & JP-A-1-040 149 (MITSUBISHI HEAVY IND. LTD) 10-02-1989

Cited by

US6769473B1; US7051784B2; DE19649015A1; EP0719606A1; US6595266B2; EP0745694A1; EP1331279A3; DE19518127A1; US5849115A; DE19518127C2; US7513962B2; WO2004031423A3; US7140419B2; US6851466B2; US7121320B2

Designated contracting state (EPC)

BE CH DE ES FR GB LI NL SE

DOCDB simple family (publication)

EP 0392998 A1 19901017; IT 1229029 B 19910712; IT 8920157 A0 19890414

DOCDB simple family (application)

EP 90830169 A 19900417; IT 2015789 A 19890414