

Title (en)

PROCESS FOR MANUFACTURING SEMI-FINISHED PRODUCTS COMPRISING TWO ALUMINIUM-BASED ALLOYS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON HALBZEUGEN MIT ZWEI ALUMINIUM-LEGIERUNGEN

Title (fr)

PROCÉDÉ DE FABRICATION DE DEMI-PRODUITS COMPORTANT DEUX ALLIAGES À BASE D'ALUMINIUM

Publication

EP 1965936 A1 20080910 (FR)

Application

EP 06841935 A 20061214

Priority

- FR 2006002731 W 20061214
- FR 0512809 A 20051216

Abstract (en)

[origin: FR2894857A1] The vertical casting of an intermediary product comprises: (A) preparation of at least two aluminum based alloys with different compositions (P and T); (B) casting of the first alloy (P) to a given height; (C) casting of a supplementary given height with the second alloy (T). Independent claims are also included for : (1) the intermediary product obtained; (2) the production of a sheet from the intermediary product; (3) the sheet thus obtained; (4) the production of a section or bar from the intermediary product; (5) the section or bar thus obtained; (6) the production of a forged component from the intermediary product; (7) the forged component thus obtained; (8) a structural element able to be fabricated from the intermediary product.

IPC 8 full level

B22D 7/02 (2006.01); **B22D 11/00** (2006.01); **B22D 11/041** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2007080265A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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FR 2894857 A1 20070622; **FR 2894857 B1 20090515**; CA 2632999 A1 20070719; CA 2632999 C 20161108; CN 101330995 A 20081224; CN 101330995 B 20120418; DE 06841935 T1 20090115; EP 1965936 A1 20080910; EP 1965936 B1 20200415; US 2007259200 A1 20071108; US 7938165 B2 20110510; WO 2007080265 A1 20070719

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