

Title (en)
METHOD FOR REFINING ALUMINIUM-SILICON ALLOY OF EUTECTIC COMPOSITION FROM ADMIXTURES OF IRON AND TITANIUM.

Title (de)
VERFAHREN ZUR RAFFINAGE EINER EUTEKTISCHEN ALUMINIUM-SILIZIUMLEGIERUNG AUS BEIMISCHUNGEN VON EISEN UND TITAN.

Title (fr)
PROCEDE POUR LE RAFFINAGE D'UN ALLIAGE ALUMINIUM-SILICIUM DE COMPOSITION EUTECTIQUE A PARTIR D'ADDITIONS DE FER ET DE TITANE.

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Application
EP 86904459 A 19860321

Priority

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Abstract (en)
[origin: WO8705636A1] A method for refining an aluminium-silicon alloy of eutectic composition from admixtures of iron and titanium consists in melting an aluminium-silicon alloy of eutectic composition together with chromium and manganese, cooling down the obtained melt to a temperature of 590 - 660C and filtering the cooled melt within said temperature range, the chromium and manganese being used in such quantities that the ratio of their total weight to the total weight of the admixtures of iron and titanium is (0.2 - 1.1): 1, the ratio by weight between the chromium and the manganese being (0.1 - 20): 1.

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C22C 1/06

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C22B 21/06 (2006.01); **C22C 1/00** (2006.01); **C22C 1/02** (2006.01); **C22C 1/06** (2006.01); **C22C 21/00** (2006.01); **C22C 21/02** (2006.01)

CPC (source: EP)
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Citation (search report)

- [Y] US 2464610 A 19490315 - ALBERT REGNER
- [Y] US 3198625 A 19650803 - STROUP PHILIP T
- [A] FR 976205 A 19510315 - ALAIS & FROGES & CAMARQUE CIE
- [A] FR 979569 A 19510427 - ALAIS & FROGES & CAMARQUE CIE
- [A] DE 886077 C 19530810 - VAW VER ALUMINIUM WERKE AG
- See references of WO 8705636A1

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CN102296212A

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AU 586014 B2 19890629; AU 6121686 A 19871009; BR 8607115 A 19880405; CN 1004932 B 19890802; CN 86103277 A 19871125; EP 0269733 A1 19880608; EP 0269733 A4 19890526; IN 162926 B 19880723; JP S63503312 A 19881202; WO 8705636 A1 19870924

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