

Title (en)

HIGH TEMPERATURE SCANDIUM-CONTAINING ALUMINIUM ALLOY WITH IMPROVED EXTRUDABILITY

Title (de)

HOCHTEMPERATURBELASTBARER MIT SCANDIUM LEGIERTER ALUMINIUM-WERKSTOFF MIT VERBESSERTER EXTRUDIERBARKEIT

Title (fr)

ALLIAGE À BASE D'ALUMINIUM CONTENANT DU SCANDIUM POUR HAUTES TEMPÉRATURES ET AVEC UNE EXTRUDABILITÉ AMÉLIORÉE

Publication

EP 2598664 A1 20130605 (DE)

Application

EP 11761484 A 20110725

Priority

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Abstract (en)

[origin: WO2012013185A1] The present invention relates to the use of a process for producing an aluminium material which can be exposed to high temperatures and is alloyed with scandium. In this process, a precursor material made of an alloy comprising the metals aluminium and scandium is introduced into a vacuum chamber, the precursor material is subjected to vacuum degassing and the precursor material is treated with nitrogen gas. This is followed by final vacuum degassing of the precursor material.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2012013185A1

Cited by

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