

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 EXTRUDABILITE AMÉLIORÉE

Publication

**EP 2598664 B1 20170118 (DE)**

Application

**EP 11761484 A 20110725**

Priority

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- DE 2011001504 W 20110725

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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DOCDB simple family (publication)

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