

Title (en)

METHOD AND DIE APPARATUS USED FOR PRODUCING WIDE MAGNESIUM PLATES

Title (de)

VERFAHREN UND STEMPELVORRICHTUNG ZUR HERSTELLUNG VON BREITEN MAGNESIUMPLATTEN

Title (fr)

PROCÉDÉ ET APPAREIL DE MATRICE UTILISÉS POUR PRODUIRE DE LARGES PLAQUES DE MAGNÉSIUM

Publication

EP 3804873 A4 20220330 (EN)

Application

EP 19889460 A 20190822

Priority

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Abstract (en)

[origin: EP3804873A1] A method and a die apparatus for producing wide magnesium sheets, the die apparatus comprising at least an inner container (1) provided with a billet processing cavity, wherein the billet processing cavity comprises a die cavity (101), a forward extruding area (102), a multi-corner equal channel angular extruding area (103) and a magnesium sheet outlet (104) which are sequentially connected; wherein the forward extruding area (102) is a tapered structure with a larger top and a smaller bottom, and the multi-corner equal channel angular extruding area (103) has at least two corners.

IPC 8 full level

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Citation (search report)

- [Y] CN 206083461 U 20170412 - UNIV HUNAN SCI & TECHNOLOGY
- [Y] CN 102389906 B 20131225 - UNIV TSINGHUA, et al
- [Y] CN 108213104 A 20180629 - HARBIN INST TECHNOLOGY
- [Y] CN 107427603 A 20171201 - BOSTON SCIENT SCIMED INC

Citation (examination)

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- US 4040162 A 19770809 - ISOGAI MITSUYUKI, et al
- CN 101850376 B 20120725 - CHANGZHOU INST TECHNOLOGY
- CN 107597869 A 20180119 - UNIV TAIYUAN TECHNOLOGY
- See also references of WO 2020107959A1

Designated contracting state (EPC)

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