

Title (en)

DEVICE AND METHOD FOR MANUFACTURING A METAL ALLOY BLANK BY CENTRIFUGAL CASTING

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINES METALLLEGIERUNGSROHLINGS DURCH SCHLEUDERGIESSEN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE FABRICATION D'UNE ÉBAUCHE EN ALLIAGE MÉTALLIQUE PAR COULÉE CENTRIFUGE

Publication

EP 3706934 A1 20200916 (FR)

Application

EP 18804376 A 20181106

Priority

- FR 1760453 A 20171107
- FR 2018052736 W 20181106

Abstract (en)

[origin: WO2019092354A1] A device (10) for manufacturing a metal alloy blank by centrifugal casting of a molten metal alloy, comprising a centrifugal casting wheel (20), the centrifugal casting wheel (20) being able to rotate about an axis of rotation (A) and comprising a mould (22) for receiving the molten metal alloy, the mould extending in a radial direction (RI) relative to the axis of rotation (A). The device (10) comprises at least one magnet arranged in such a way as to induce an induced electrical current in the mould (22) when the centrifugal casting wheel (20) rotates about the axis of rotation (A).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2019092354A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 3073163 A1 20190510; **FR 3073163 B1 20220715**; CN 111372703 A 20200703; CN 111372703 B 20220527; EP 3706934 A1 20200916; EP 3706934 B1 20211027; US 11433453 B2 20220906; US 2020316682 A1 20201008; WO 2019092354 A1 20190516

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