

Title (en)

PRODUCTION OF MOLDED BODIES FROM A SILICON ALLOY BY WATER JET CUTTING OF PLATES

Title (de)

HERSTELLUNG VON FORMLINGEN AUS EINER SILIZIUM-LEGIERUNG DURCH WASSERSTRAHLSCHNEIDEN VON PLATTEN

Title (fr)

FABRICATION D'ÉBAUCHES À PARTIR D'UN ALLIAGE SILICIUM PAR DÉCOUPAGE AU JET D'EAU DE PLAQUES

Publication

**EP 3986684 A1 20220427 (DE)**

Application

**EP 20747338 A 20200619**

Priority

- DE 102019116828 A 20190621
- DE 102019131210 A 20191119
- DE 2020100525 W 20200619

Abstract (en)

[origin: WO2020253919A1] The invention relates to a method for producing molded bodies from a silicon alloy, comprising the production of plates and the water jet cutting of the plates to form a plurality of molded bodies. The thus obtained molded bodies contain in particular additional inoculant additives and are used in particular as inoculant for metal casting.

IPC 8 full level

**B26F 3/00** (2006.01); **C21C 1/10** (2006.01)

CPC (source: EP US)

**B24C 1/045** (2013.01 - EP US); **B24C 11/00** (2013.01 - US); **C21C 1/105** (2013.01 - EP); **C22C 30/00** (2013.01 - EP US); **C22C 33/08** (2013.01 - EP); **C22C 35/00** (2013.01 - EP); **C22C 37/04** (2013.01 - EP); **B24C 11/00** (2013.01 - EP); **C21C 1/08** (2013.01 - US)

Citation (search report)

See references of WO 2020253919A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2020253919 A1 20201224**; EP 3986684 A1 20220427; MX 2021015625 A 20220425; US 2022379436 A1 20221201

DOCDB simple family (application)

**DE 2020100525 W 20200619**; EP 20747338 A 20200619; MX 2021015625 A 20200619; US 202017619499 A 20200619