

Title (en)

ULTRASONIC ENHANCEMENT OF DIRECT CHILL CAST MATERIALS

Title (de)

ULTRASCHALLVERBESSERUNG VON DIREKTEN KOKILLENGUSSMATERIALIEN

Title (fr)

AMÉLIORATION PAR ULTRASONS DE MATÉRIAUX COULÉS PAR REFROIDISSEMENT INTENSE ET DIRECT

Publication

EP 3826787 C0 20240221 (EN)

Application

EP 19841973 A 20190725

Priority

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- US 2019043445 W 20190725

Abstract (en)

[origin: WO2020023751A1] A method and apparatus for direct chill casting of metals and metal alloys which includes application of vibrational energy to the molten material in an open-ended mold and at the outlet of the mold are provided. In an aspect, the method is directed to the production of cast aluminum alloys.

IPC 8 full level

B22D 11/049 (2006.01); **B22D 11/114** (2006.01); **B22D 11/115** (2006.01); **B22D 11/117** (2006.01)

CPC (source: EP KR US)

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Designated contracting state (EPC)

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Participating member state (EPC – UP)

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