

Title (en)

MOULD FOR VERTICALLY CASTING ALUMINIUM INGOTS

Title (de)

KOKILLE ZUM VERTIKALEN GIESSEN VON ALUMINIUMBARREN

Title (fr)

CRISTALLISATEUR POUR LE COULAGE VERTICAL DE LINGOTS D'ALUMINIUM

Publication

EP 4035796 A4 20231101 (EN)

Application

EP 20869592 A 20200918

Priority

- RU 2019130352 A 20190924
- RU 2020050231 W 20200918

Abstract (en)

[origin: EP4035796A1] A mould for vertical casting in the production of aluminium ingots comprises a body having an upper flange and a lower flange. Moreover, the mould body is in the form of a prefabricated structure comprising a casting frame and at least one water supply unit fastened to the frame. In addition, the mould can comprise at least one of the following systems: a system for controlling the cooling of the mould and ingots; a system for controlling the lubrication of the ingots, including supplying and retaining lubricant; and a system for positioning the mould on the casting table relative to the bottom plate. The invention makes it possible to prolong the service life of a mould, with the overall effect being a decrease in the time spent preparing for the casting and an increase in the productivity of the mould.

IPC 8 full level

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CPC (source: EP RU)

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Citation (search report)

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- See references of WO 2021061017A1

Designated contracting state (EPC)

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