Title (en)

METHOD AND DEVICE FOR CASTING MOLTEN METAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUM GIESSEN VON METALLSCHMELZE

Title (fr)

PROCEDE ET DISPOSITIF DE COULEE DE METAL EN FUSION

Publication

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Application

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Abstract (en)

[origin: WO2006027174A1] The invention makes it possible to manufacture high-quality cast parts in a particularly productive manner. According to the inventive method, a casting mould with a filling opening (2) pointing in the direction of gravity (S) is provided during the casting of the molten metal (A), particularly molten aluminium; the casting mould (1) with the filling opening (2) is coupled to a melt container (12) containing the molten metal (A); the molten metal (A) is conveyed from the melt container (12) into the casting mould (1) counter to the direction of gravity; the casting mould (1) is sealed directly after filling with molten metal (A) by means of a locking device (6) which is at least temporarily connected to the casting mould (1) in a fixed manner; the casting mould (1) is decoupled from the melt container (12) directly after closure of the casting mould (1) and the casting mould (1) is rotated about a horizontal axis of rotation (X), wherein the casting mould (1) remains in a sealed position with respect to the locking device (6) which is firmly connected thereto during rotation. The invention also relates to a correspondingly embodied device. .

IPC 8 full level

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