

Title (en)

CASTING MOLD FOR PRODUCING CASTINGS, IN PARTICULAR CYLINDER BLOCKS AND CYLINDER HEADS, HAVING FUNCTIONAL CONNECTION OF THE FEEDER

Title (de)

GIESSFORM ZUR HERSTELLUNG VON GUSSTEILEN, INSBESONDERE ZYLINDERBLÖCKEN UND ZYLINDERKÖPFEN, MIT FUNKTIONALER ANBINDUNG DES SPEISERS

Title (fr)

MOULE PERMETTANT D'OBTENIR DES PIÈCES EN FONTE, EN PARTICULIER DES BLOCS-CYLINDRES ET DES CULASSES, AVEC RACCORDEMENT FONCTIONNEL DE LA MASSELOTTE

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Application

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Abstract (en)

[origin: WO2014111573A1] The invention relates to a method for casting castings, wherein a metal melt is poured into a mold cavity (3), which is bounded by a casting mold (G1, G2) and represents the casting, via a feeder (2) or separate runners or casting channels, wherein the casting mold (G1, G2) comprises mold parts (4-7) that determine the shape of the casting to be cast, and a casting mold (G1, G2). The casting method according to the invention and the casting mold ensure the production of functionally correct and flawless castings even under the conditions explained above. According to the invention, this is achieved in that the melt is conducted into the mold cavity (3) via at least two connections, of which at least one is designed as an additional channel (16, 23) that leads through one of the mold parts and is independent of the contour of the casting to be cast, in at least two sections (8, 9, 10, 19, 20), which are associated with different levels of the casting to be cast.

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Citation (examination)

- JP 2006205228 A 20060810 - KIMURA CHUZOSHO KK
- JP H01107957 A 19890425 - HONDA MOTOR CO LTD

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WO2023248170A1; LU502349B1

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