

Title (en)

METHOD OF PRODUCING LIGHT METAL CASTINGS AND CASTING MOULD FOR CARRYING OUT THE METHOD

Title (de)

VERFAHREN ZUM HERSTELLEN VON GUSSSTÜCKEN AUS LEICHTMETALL UND GIESSFORM ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE DE PRODUCTION DE PIECES COULEES EN METAL LEGER ET MOULE APPROPRIE POUR METTRE LEDIT PROCEDE EN OEUVRE

Publication

EP 0793554 B1 20000223 (DE)

Application

EP 96930074 A 19960822

Priority

- DE 19531551 A 19950828
- EP 9603691 W 19960822

Abstract (en)

[origin: DE19531551A1] The invention concerns a method of producing light metal castings, in particular cylinder heads, cylinder blocks and/or crankcases for internal combustion engines, using a sand-based dead mould which forms a moulding cavity (2) for the casting. The casting mould comprises outer parts (3), at least one core (7) and at least one pressure pig-forming feeder. The casting mould is provided with a gate for molten metal which fills the mould cavity (2) under the effect of gravity. A covering core (5), which comprises at least one feeder (6) and is impermeable to gases at least in partial areas, is placed on the casting mould. Immediately after the filling operation, the feeder (6) filled with molten metal is subjected to pressure by a pressurized gas.

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Citation (examination)

- JP H03142056 A 19910617 - ASAHI TEC CORP
- JP S6152978 A 19860315 - DAIDO STEEL CO LTD

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AT DE ES FR GB IT

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