

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

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Abstract (en)

[origin: US5954113A] PCT No. PCT/EP96/03691 Sec. 371 Date Apr. 25, 1997 Sec. 102(e) Date Apr. 25, 1997 PCT Filed Aug. 22, 1996 PCT Pub. No. WO97/07914 PCT Pub. Date Mar. 6, 1997A method for producing light metal castings, in particular cylinder heads, cylinder blocks and/or crankcases for internal combustion engines, includes a sand mold which forms a mold cavity for the casting. The sand mold includes outer mold parts, at least one core and at least one feeder for forming a riser, wherein the mold is provided with an in-gate for receiving the metal melt and the metal melt is filled into the mold cavity under the effect of gravity. A cover core (5) is fitted onto the mold that is at least in partial regions designed to be impermeable to gas and which contains at least one feeder, and wherein immediately after the filling operation, the feeder filled with metal melt is admitted with a pressure via a pressurized gas.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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- JP S6152978 A 19860315 - DAIDO STEEL CO LTD

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