

Title (en)

METHOD FOR PRODUCING A CAST PART, IN PARTICULAR A PISTON BLANK

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES GUßTEILES, INSBESONDERE EINES KOLBENROHLINGS

Title (fr)

PROCÉDÉ DE PRODUCTION D'UNE PIÈCE COULÉE, NOTAMMENT UNE ÉBAUCHE DE PISTON

Publication

EP 2035171 A1 20090318 (DE)

Application

EP 07785894 A 20070704

Priority

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Abstract (en)

[origin: WO2008003474A1] The invention relates to a method for producing a cast part using a casting machine, which comprises at least one casting mould that can be filled with a casting melt. According to said method, the casting mould is filled with a casting melt, the melt is left to completely solidify and the cast part is then removed from the casting mould. The casting mould is filled with melt by the casting machine without the use of pressure at a fill speed of less than 10 m per second in the gating and is then squeezed in the casting mould at a casting pressure greater than 100.

IPC 8 full level

B22D 18/02 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2008003474A1

Citation (examination)

- WO 8404264 A1 19841108 - GKN TECHNOLOGY LTD [GB]
- US 1762598 A 19300610 - TEETOR MACY O
- US 2147880 A 19390221 - CAMPBELL DONALD J

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