

Title (en)  
SINGLE-PART EXPENDABLE CASTING MOULD WITH A CONTROLLED TEMPERATURE FOR CAST METAL PARTS AND ASSOCIATED PRODUCTION METHOD

Title (de)  
EINTEILIGE VERLORENE, TEMPERIERBARE GIESSFORM FÜR GUSSTEILE AUS METALL SOWIE VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)  
MOULE DE COULÉE PERDU, MONOBLOC, POUVANT ÊTRE TEMPÉRÉ, DESTINÉ A DES ÉLÉMENTS MOULÉS EN MÉTAL ET PROCÉDÉ DE FABRICATION DU MOULE

Publication  
**EP 2059356 A1 20090520 (DE)**

Application  
**EP 07817442 A 20070825**

Priority

- DE 2007001516 W 20070825
- DE 102006041627 A 20060905

Abstract (en)  
[origin: WO2008028455A1] In the case of a single-part expendable casting mould for cast metal parts (4) that is made of a set moulding material, which encloses a mould cavity and has embedded in it at least one metallic cooling channel (6), which carries a cooling medium, portions of the outer side of the metallic cooling channel (6) towards the mould cavity are not covered by the moulding material and/or are only slightly covered.

IPC 8 full level  
**B22C 7/02** (2006.01); **B22C 9/04** (2006.01); **B22D 27/04** (2006.01)

CPC (source: EP US)  
**B22C 7/02** (2013.01 - EP US); **B22C 7/023** (2013.01 - EP US); **B22C 9/04** (2013.01 - EP US); **B22D 27/045** (2013.01 - EP US)

Citation (search report)  
See references of WO 2008028455A1

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AL BA HR MK RS

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**WO 2008028455 A1 20080313**; **WO 2008028455 A8 20080502**; AT E465832 T1 20100515; CA 2646675 A1 20080313; DE 102006041627 A1 20080320; DE 502007003621 D1 20100610; EP 2059356 A1 20090520; EP 2059356 B1 20100428; JP 2010502443 A 20100128; US 2009133848 A1 20090528

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