

Title (en)

METHOD FOR CASTING MOULDED PARTS

Title (de)

VERFAHREN ZUM GIESSEN VON FORMTEILEN

Title (fr)

PROCEDE DE COULEE DE PIECES MOULEES

Publication

EP 1677926 A2 20060712 (DE)

Application

EP 04790002 A 20041015

Priority

- DE 2004002302 W 20041015
- DE 10350371 A 20031028
- DE 10361535 A 20031223

Abstract (en)

[origin: WO2005044485A2] The invention relates to a method for casting moulded parts, said method comprising the following steps: the mould is prepared by forming a core packet from the cores which are made of moulding sand; the metal melt is cast into the mould; the mould is subjected to thermal insulation prior to and/or after casting and the thermal process is used in a known manner inside the mould and/or insulation for controlled treatment of the casted moulded part and/or the moulded material forming the core packet.

IPC 1-7

B22C 13/08

IPC 8 full level

B22D 27/04 (2006.01); **B22D 27/15** (2006.01); **B22D 29/00** (2006.01)

CPC (source: EP US)

B22D 27/04 (2013.01 - EP US); **B22D 27/15** (2013.01 - EP US); **B22D 29/003** (2013.01 - EP US)

Citation (search report)

See references of WO 2005044485A2

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

WO 2005044485 A2 20050519; **WO 2005044485 A3 20050901**; CA 2543327 A1 20050519; EP 1677926 A2 20060712;
JP 2007509753 A 20070419; US 2006185814 A1 20060824; US 7870884 B2 20110118

DOCDB simple family (application)

DE 2004002302 W 20041015; CA 2543327 A 20041015; EP 04790002 A 20041015; JP 2006537049 A 20041015; US 41227506 A 20060427