

Title (en)

METHOD FOR TREATING MOULDS MADE OF REFRACTORY MATERIAL OR SHELL MOULDS FOR MOULDING LOST MODELS OF METAL CASTINGS IN PARTICULAR IN ALUMINIUM ALLOYS

Title (de)

VERFAHREN ZUR BEHANDLUNG VON FEUERFESTEN GIESSFORMEN ODER SCHALENFORMEN BEIM VOLLFORMGIESSEN ,
INSBESONDERE FÜR ALUMINIUMLEGIERUNGEN

Title (fr)

PROCEDE DE TRAITEMENT DE MOULES EN MATERIAU REFRACTAIRE OU CARAPACES DESTINES AU MOULAGE A MODELES PERDUS
DE PIECES DE FONDERIE EN PARTICULIER EN ALLIAGES D'ALUMINIUM

Publication

EP 1372887 B1 20070418 (FR)

Application

EP 02706870 A 20020218

Priority

- FR 0200612 W 20020218
- FR 0104444 A 20010402

Abstract (en)

[origin: WO02078877A1] The invention concerns a method for treating moulds made of refractory material or shell moulds for moulding disposable patterns of metal castings in particular of aluminium alloys in order to increase their speed of solidification. The invention is characterised in that prior to and/or simultaneously with the casting step, it consists in applying on the outer layer of the shell moulds a metallic material in the form of small-size particles.

IPC 8 full level

B22C 9/04 (2006.01); **B22C 9/12** (2006.01)

CPC (source: EP)

B22C 9/04 (2013.01); **B22C 9/12** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02078877 A1 20021010; AT E359883 T1 20070515; DE 60219608 D1 20070531; EP 1372887 A1 20040102; EP 1372887 B1 20070418;
FR 2822737 A1 20021004; FR 2822737 B1 20030801

DOCDB simple family (application)

FR 0200612 W 20020218; AT 02706870 T 20020218; DE 60219608 T 20020218; EP 02706870 A 20020218; FR 0104444 A 20010402