

Title (en)

Process and apparatus for manufacturing of a shell mould for investment casting

Title (de)

Verfahren und System zum Herstellen einer Schalenform insbesondere für das Feingießen

Title (fr)

Procédé et appareil pour la fabrication d'un moule pour le procédé de coulée de précision à la cire perdue

Publication

EP 1645348 B1 20071128 (DE)

Application

EP 05020677 A 20051005

Priority

DE 102004048451 A 20041005

Abstract (en)

[origin: EP1645348A1] Production of a shell mold comprises forming a shell by applying an aqueous layer to a model, drying above 25[deg] C using infrared radiation and removing the model from the mold. An independent claim is also included for a system for producing a shell mold.

IPC 8 full level

B22C 13/08 (2006.01)

CPC (source: EP US)

B22C 9/04 (2013.01 - EP US); **B22C 9/12** (2013.01 - EP US); **B22C 13/08** (2013.01 - EP US)

Cited by

DE102008042375A1; DE102008057836B4; DE102008057836A1; WO2010034765A3; WO2010057453A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1645348 A1 20060412; **EP 1645348 B1 20071128**; DE 102004048451 A1 20060406; DE 502005002092 D1 20080110; US 2006086480 A1 20060427

DOCDB simple family (application)

EP 05020677 A 20051005; DE 102004048451 A 20041005; DE 502005002092 T 20051005; US 24212605 A 20051004