

Title (en)

Method for calibrating a casting mould by explosive reforming

Title (de)

Verfahren zur Sprengkalibrieren einer Kokille

Title (fr)

Méthode pour la calibration d'un moule de coulée par formage par explosion

Publication

EP 1317979 B1 20070214 (DE)

Application

EP 02027025 A 20021203

Priority

DE 10160134 A 20011207

Abstract (en)

[origin: EP1317979A1] Process for calibrating a mold (1), especially in the form of a tube or block, comprises: reinforcing the mold in its end regions before calibration by build-up welding in the wall thickness; filling the holes (5) in the mold wall with a flowable material; and sealing at the ends. Calibration can be then be carried out. <??>Preferred Features: The holes are filled with an incompressible material and/or bulk material. The holes have a circular cross-section.

IPC 8 full level

B22C 9/12 (2006.01); **B22D 11/057** (2006.01); **B21D 3/00** (2006.01); **B21D 3/14** (2006.01); **B21D 26/08** (2006.01); **B22D 7/06** (2006.01)

CPC (source: EP KR US)

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EP 1317979 A1 20030611; **EP 1317979 B1 20070214**; AT E353722 T1 20070315; BR 0204942 A 20040615; CA 2412655 A1 20030607; CN 1267217 C 20060802; CN 1422713 A 20030611; DE 10160134 A1 20030618; DE 50209466 D1 20070329; DK 1317979 T3 20070611; ES 2282363 T3 20071016; JP 2003191053 A 20030708; KR 20030047782 A 20030618; MX PA02011529 A 20041213; PT 1317979 E 20070330; RU 2301128 C2 20070620; TW 200300714 A 20030616; TW I280167 B 20070501; US 2003106666 A1 20030612; US 6827127 B2 20041207

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