

Title (en)

Method and apparatus for producing moulds or cores

Title (de)

Verfahren und Vorrichtung zur Herstellung von Formen oder Kernen

Title (fr)

Procédé et dispositif pour la production de nouyaux ou de moules

Publication

EP 1512472 A3 20051005 (DE)

Application

EP 04020590 A 20040831

Priority

DE 10340491 A 20030903

Abstract (en)

[origin: EP1512472A2] In a process to manufacture a form or core plug for casting from a mixture of sand or other suitable material and a water-soluble and/or binding agent containing crystal water. The mixture is shot by a plunger (2) through a plate (5) outlet (7) in a form or plug tool (8) prior to hardening. The outlet (7) is kept moist between shots by fluid to prevent the accumulation of sand or other residues around the plate outlet. Also claimed is a commensurate assembly.

IPC 1-7

B22C 15/24

IPC 8 full level

B22C 15/24 (2006.01)

CPC (source: EP)

B22C 15/24 (2013.01)

Citation (search report)

- [XY] DE 10144193 C1 20021031 - VAW MANDL & BERGER GMBH LINZ [AT]
- [XY] FR 2687942 A1 19930903 - PEUGEOT [FR], et al
- [DA] DE 10200927 A1 20030306 - LAEMPE JOACHIM [DE]

Cited by

CN110248747A; CN108465784A; CN110252963A; US7934534B2; WO2020254468A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1512472 A2 20050309; EP 1512472 A3 20051005; DE 10340491 B3 20050310

DOCDB simple family (application)

EP 04020590 A 20040831; DE 10340491 A 20030903