

Title (en)

Process for the manufacture of a mould from a binded material for metal foundry

Title (de)

Verfahren zur Herstellung einer Giessform aus einem Verbundformstoff für Giessereizwecke

Title (fr)

Procédé de fabrication d'un moule pour la fonderie de métaux à partir de matériau avec un liant

Publication

**EP 1749596 B1 20070613 (DE)**

Application

**EP 05016479 A 20050729**

Priority

EP 05016479 A 20050729

Abstract (en)

[origin: EP1749596A1] Method of preparing a casting mold from composite molding material for foundries consisting of a composition containing two different molding materials and which is heat resistant to metals. A solid molding body (2) is obtained from a foundry molding material (A) which is partially or completely enveloped by a fluid powdered chemically bonded foundry molding material (B). A molding material block (3) is produced from a block shaped composite molding material after hardening the material (B), which is subjected to a removal process, e.g. milling, boring, turning or grinding. A feedhead system (sic) (4) and storage system (5) using CAD data.

IPC 8 full level

**B22C 9/02** (2006.01)

CPC (source: EP)

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Cited by

DE102021122520A1; US8852478B2

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