

Title (en)

Inserted core for producing a casting mould and process for the production of such casting mould

Title (de)

Einlegekern zur Herstellung einer Gussform sowie Verfahren zur Herstellung einer Gussform

Title (fr)

Noyau inséré pour la fabrication d'un moule de fonderie et procédé pour la fabrication d'un tel moule de fonderie

Publication

EP 1216771 A9 20021120 (DE)

Application

EP 01122817 A 20010922

Priority

DE 10059083 A 20001128

Abstract (en)

[origin: DE10059083C1] Core consists of metal granules and a binder. An Independent claim is also included for a process for the production of a casting mold comprising preparing a mold from coated sand in a sintering process, filling the sand mold with a mixture of metal granules and binder, breaking the core from the mold after hardening, placing the core in the base core made of quartz sand, placing and/or positioning a water casing core on the base core; and building up the residual sand cores produced in the sintering process. Preferred Features: The metal granules are made of high grade steel, copper or brass.

IPC 1-7

B22C 9/10

IPC 8 full level

B22C 1/00 (2006.01); **B22C 9/10** (2006.01)

CPC (source: EP)

B22C 1/00 (2013.01); **B22C 9/10** (2013.01)

Cited by

CN106807888A; CN102319873A

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