

Title (en)

METHOD AND DEVICE FOR PRODUCING MOULDS OR CORES, IN PARTICULAR FOR FOUNDRY PURPOSES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON FORMEN ODER KERNEN INSBESONDERE FÜR GIESSEREIZWECKE

Title (fr)

PROCEDE ET DISPOSITIF DE FABRICATION DE MOULES OU DE NOYAUX, EN PARTICULIER POUR LA Fonderie

Publication

EP 1957218 B1 20110511 (DE)

Application

EP 06805795 A 20060921

Priority

- EP 2006009180 W 20060921
- DE 102005057724 A 20051201

Abstract (en)

[origin: US2008277089A1] To produce moulds or cores for foundry purposes from a mixture (M) of moulding material or sand and a binder, the mixture (M) is shot using a shooting unit (2) or from a shooting tube (3) and a shooting head (4) through at least one discharge opening (7) arranged on a shooting plate (5) into a moulding or core tool (8). The region of the discharge opening (7) is moistened and/or kept moist by a liquid between at least two shooting operations, where the liquid (15) used for moistening is atomized by at least one ultrasonic atomizer (16) to form an aerosol capable of suspension and is fed to the discharge opening (7) directly or indirectly, for example, via one or more lines (18, 23).

IPC 8 full level

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CPC (source: EP US)

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