

Title (en)

Isostatic mold, particularly for ceramic tiles

Title (de)

Isostatische Form, insbesondere für Keramikfliesen

Title (fr)

Moulage isostatique, destiné en particulier à des carreaux de céramique

Publication

EP 2548707 A1 20130123 (EN)

Application

EP 12176559 A 20120716

Priority

IT MO20110174 A 20110718

Abstract (en)

An isostatic mold (1), particularly for ceramic tiles, comprising at least one forming receptacle (2) which is delimited in an upper region by a first mold part (3) and in a lower region by a respective second mold part (4), at least one of the mold parts comprising a closed compression chamber (5) which accommodates a working liquid. The compression chamber (5) has a volume delimited by a first face (6) of a punch (8) and by a corresponding sliding seat (9). The punch (8) is associated slidingly and hermetically with the sliding seat (9) for its transition from an inactive position to a pressing position and vice versa; in particular in the pressing position the compression chamber (5) defines a smaller volume than the volume it defines in the inactive position. An external hydraulic circuit (10) being functionally connected to the compression chamber (5) to control the pressure of the working liquid.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [XI] US 3611517 A 19711012 - GIERSBERG JACOB, et al
- [Y] EP 0620089 A2 19941019 - ALGERI MARIS [IT]

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Designated contracting state (EPC)

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Designated extension state (EPC)

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