

Title (en)

Machine for the production of ceramic products.

Title (de)

Maschine zur Herstellung keramischer Produkte.

Title (fr)

Machine pour la fabrication de produits céramiques.

Publication

EP 2366517 A1 20110921 (EN)

Application

EP 11157733 A 20110310

Priority

IT BO20100173 A 20100318

Abstract (en)

A machine (1) for the production of ceramic products (M) comprises at least: a mould (S) made up of at least four parts (2, 3, 4, 5) adapted to form, in a closed configuration, a cavity (C) for casting the ceramic product (M); means (6, 7) for clamping and containing the mould (S) acting on the mould (S) in the closed configuration; the means (6, 7) having a tubular shaped, open-ended body, matchingly shaped to be coupled to the mould (S) to enable the mould (S) to be enclosed on four closing surfaces or outsides of it; and movement means (8) acting between the clamping and containing means (6, 7) and the mould (S) to enable the clamping and containing means (6, 7) themselves and the mould (S) in the closed configuration to slide relative to each other along a single, horizontal movement axis (X) between a first, non-operating position, where the mould (S) and the clamping and containing means (6, 7) are apart, and a second, operating position, where the mould (S) and the clamping and containing means (6, 7) are matchingly coupled inside one another.

IPC 8 full level

B28B 1/26 (2006.01); **B28B 7/00** (2006.01); **B28B 7/34** (2006.01)

CPC (source: EP)

B28B 1/266 (2013.01); **B28B 7/0041** (2013.01); **B28B 17/009** (2013.01)

Citation (applicant)

- EP 0885701 A1 19981223 - SACMI [IT]
- EP 1043132 A2 20001011 - SACMI [IT]
- EP 1905561 A2 20080402 - SACMI [IT]

Citation (search report)

- [A] FR 2602452 A1 19880212 - TOTO LTD [JP]
- [A] EP 0561613 A1 19930922 - BRITISH CERAMIC RES LTD [GB]
- [A] EP 0557995 A1 19930901 - NETZSCH ERICH HOLDING [DE]
- [A] US 5741388 A 19980421 - GERSTER THOMAS [CH], et al

Cited by

EP3800023A1; IT201900016460A1; GB2490299A; GB2490299B; CN103722607A; CN104875275A; CN107415030A; RU2670948C2; RU2670948C9; US10399258B2; US9790744B2; EP3795318A1; IT201900016451A1; US9925689B2; WO2015150992A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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