

Title (en)

Mold for the unidirectional pressing of ceramic articles

Title (de)

Form zum unidirektionalen Pressen von keramischen Gegenständen

Title (fr)

Matrice pour le pressage unidirectionnel d'articles en céramique

Publication

EP 2364830 A1 20110914 (EN)

Application

EP 11157061 A 20110304

Priority

IT MO20100059 A 20100310

Abstract (en)

A mold (1) for the unidirectional pressing of ceramic articles, comprising a containment rim (2) that defines at least one receptacle (3) for forming a respective article (M) and at least one pair of mutually opposite male punches (4) for delimiting the receptacle (3), wherein at least one of the male punches (4) is provided with a plurality of holes (5), each of which has a first end (5a) in communication with the receptacle (3) and a second end (5b) opposite to the first end (5a) which can be associated with air suction means (17), the plurality of holes being also associable with means (18) for delivering a pressurized fluid through the corresponding second ends (5b), valve means (6) for selective flow control being further provided which are interposed between the plurality of holes (5) and the suction means (17) and the delivery means (18) and are operable by an electronic management and control unit that activates their opening and closure.

IPC 8 full level

B28B 3/00 (2006.01); **B28B 3/02** (2006.01); **B28B 7/38** (2006.01); **B28B 7/44** (2006.01)

CPC (source: EP)

B28B 3/003 (2013.01); **B28B 3/02** (2013.01); **B28B 7/386** (2013.01); **B28B 7/44** (2013.01); **B30B 15/0017** (2013.01)

Citation (applicant)

- US 2026940 A 19360107 - HENDRYX DWIGHT B
- EP 1882571 A1 20080130 - TA RO PROGETTI S N C DI TAGLIA [IT]

Citation (search report)

- [XD] EP 1882571 A1 20080130 - TA RO PROGETTI S N C DI TAGLIA [IT]
- [XD] US 2026940 A 19360107 - HENDRYX DWIGHT B
- [X] JP S6164409 A 19860402 - ISHIKAWATOKI TEKKOSHO KK
- [A] DD 223112 A1 19850605 - HERMSDORF KERAMIK VEB [DD]

Cited by

EP2730398A3; ES2402637A1; CN104325545A; CN108698251A; ITUA20161432A1; EP3401068A3; IT201700050342A1; CN112171856A; WO2017153913A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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