

Title (en)

METHOD AND PRESS FOR SIMULTANEOUSLY FORMING AND DECORATING CERAMIC ARTICLES

Title (de)

VERFAHREN UND PRESSE ZUM GLEICHZEITIGEN FORMEN UND DEKORIEREN VON KERAMIKARTIKELN

Title (fr)

PROCÉDÉ ET PRESSE POUR FORMAGE ET DÉCORATION SIMULTANÉES D'ARTICLES CÉRAMIQUES

Publication

EP 1781454 A1 20070509 (EN)

Application

EP 05767768 A 20050728

Priority

- IB 2005002233 W 20050728
- IT RE20040098 A 20040802

Abstract (en)

[origin: WO2006016223A1] A method for simultaneously forming and decorating ceramic articles, comprising the steps of: a) preparing a press (1) provided with a first punch (2) and a second punch (3) mutually movable between a spaced-apart position and a closetogether position in which a moulding cavity (4) is defined; b) drawing over the first punch (2) a frame (5) provided with an elastically deformable membrane (6), said membrane (6) being partly covered with decorative material on that side facing the second punch (3); c) driving the press (1) into said close-together position; d) loading ceramic material into said cavity (4) and subjecting it to compression to form the article; e) returning said press (1) to its spaced-apart position and withdrawing the decorated ceramic article.

IPC 8 full level

B28B 3/00 (2006.01); **B28B 11/00** (2006.01); **B28B 13/02** (2006.01); **B44C 1/165** (2006.01); **C04B 41/45** (2006.01)

CPC (source: EP)

B28B 3/003 (2013.01); **B28B 11/001** (2013.01); **B28B 13/022** (2013.01); **B28B 13/0285** (2013.01)

Citation (search report)

See references of WO 2006016223A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006016223 A1 20060216; CN 101001727 A 20070718; CN 101001727 B 20111109; EP 1781454 A1 20070509; EP 1781454 B1 20140716; IT RE20040098 A1 20041102; RU 2007106965 A 20080910; RU 2375173 C2 20091210

DOCDB simple family (application)

IB 2005002233 W 20050728; CN 200580025137 A 20050728; EP 05767768 A 20050728; IT RE20040098 A 20040802; RU 2007106965 A 20050728