

Title (en)

Method and plant for making ceramic ware products

Title (de)

Verfahren und Vorrichtung zur Herstellung von keramischen Produkten

Title (fr)

Procédé et dispositif de fabrication de produits en céramique

Publication

**EP 2639028 A1 20130918 (EN)**

Application

**EP 13158585 A 20130311**

Priority

IT BO20120129 A 20120313

Abstract (en)

A method for making a ceramic sanitary ware product (M) comprises at least the following steps: applying a uniform layer (S) of bonding material comprising a high-viscosity fluid mixture to at least one surface (2) intended to be joined to at least a second part (M3) of the sanitary ware product (M); joining the second part (M3) of the sanitary ware product (M) to the first part (M2) along a joining zone defined by two respective contact surfaces (2, 3) of the selfsame parts (M2, M3) with the layer (S) of bonding material interposed between them; drying the sanitary ware product (M) thus obtained; immediately after the step of joining the two parts (M2, M3), there is a step of applying, through the agency of respective means (4), a flow (F) of electric charge uniformly distributed at least along the joining zone at a predefined intensity (A) and for a predetermined length of time (T) so as to increase mechanical strength at least at the joining zone.

IPC 8 full level

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

CPC (source: EP)

**B28B 1/002** (2013.01); **B28B 1/26** (2013.01)

Citation (search report)

- [A] EP 1273406 A2 20030108 - DORST MASCH & ANLAGEN [DE]
- [A] GB 2063241 A 19810603 - KERAMIK WTB VEB
- [A] GB 1057760 A 19670208 - ERICH NETZSCH

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WO2017017544A1

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)

**EP 2639028 A1 20130918**; **EP 2639028 B1 20140423**; ES 2478293 T3 20140721; IT BO20120129 A1 20130914; PL 2639028 T3 20140930

DOCDB simple family (application)

**EP 13158585 A 20130311**; ES 13158585 T 20130311; IT BO20120129 A 20120313; PL 13158585 T 20130311