

Title (en)

DIP GLAZING OF SANITARY CERAMICS

Title (de)

TAUCHGLASIEREN VON SANITÄRKERAMIK

Title (fr)

ÉMAILLAGE PAR IMMERSION DE CÉRAMIQUE SANITAIRE

Publication

**EP 3986686 A1 20220427 (DE)**

Application

**EP 20733379 A 20200610**

Priority

- DE 102019116461 A 20190618
- EP 2020066068 W 20200610

Abstract (en)

[origin: WO2020254164A1] A method for glazing sanitary ceramics is proposed, wherein blanks (9) to be glazed are delivered by a feed device (2) in an automatically driven manner and are picked up by a workpiece gripper (8) and automatically transported to a dip tank (4) with glaze (43) and immersed there. Subsequently, the finish-glazed blank (9) is transported to a removal device (3), to allow it to be processed further. In order to ensure a high quality of the dip glazing, it is proposed that the blanks (9) are automatically picked up from the feed device (2) by a multiaxis robot (16) with a workpiece gripper (8) and are immersed in the glaze (43) by the multiaxis robot (16) and the glazed blanks are subsequently transported to a removal device (3).

IPC 8 full level

**B28B 11/04** (2006.01); **B05C 3/09** (2006.01); **C04B 41/86** (2006.01)

CPC (source: CN EP)

**B28B 11/045** (2013.01 - CN EP); **C04B 41/009** (2013.01 - CN); **C04B 41/5022** (2013.01 - CN); **C04B 41/86** (2013.01 - CN);  
**B05C 3/09** (2013.01 - EP)

Citation (search report)

See references of WO 2020254164A1

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)

**DE 102019116461 A1 20201224**; CN 114008002 A 20220201; CN 114008002 B 20230620; EP 3986686 A1 20220427;  
WO 2020254164 A1 20201224

DOCDB simple family (application)

**DE 102019116461 A 20190618**; CN 202080045977 A 20200610; EP 2020066068 W 20200610; EP 20733379 A 20200610