Title (en)

The method of modifying the flat glass surface and the apparatus for carrying out this method

Title (de)

Verfahren zur Modifikation einer flachen Glasoberfläche und Vorrichtung zur Durchführung dieses Verfahrens

Title (fr)

Procédé de modification de la surface en verre plate et appareil permettant d'exécuter ce procédé

Publication

EP 2436480 A3 20161130 (EN)

Application

EP 11007213 A 20110906

Priority

CZ 2010682 A 20100910

Abstract (en)

[origin: EP2436480A2] The method of modifying the flat glass surface is based on that the surface of a glass is worked by abrasive grains of synthetic diamond which are situated in the mass of plastic threads that are a part of a rotating brush. The glass is first tarnished using brushes with rougher abrasive grains of synthetic diamond and then tarnishing is finished using brushes with smaller abrasive grains. With the brushes, it is also possible to modify already sandblasted glass surface. The apparatus for modifying glass surface is made up of at least one rotating brush (9, 10) that is bedded in static or moveable disposition above the glass plate (5) which is to be modified, while the brush (9,10) has abrasive plastic threads (3) embedded with abrasive grains of synthetic diamond.

IPC 8 full level

B24B 7/24 (2006.01); **B24B 29/00** (2006.01)

CPC (source: EP US)

B24B 7/242 (2013.01 - EP US); **B24B 29/005** (2013.01 - EP US)

Citation (search report)

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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 2436480 A2 20120404; **EP 2436480 A3 20161130**; CA 2751931 A1 20120310; CZ 2010682 A3 20110427; CZ 302636 B6 20110810; JP 2012101346 A 20120531; JP 3202507 U 20160212; RU 2011138368 A 20130320; US 2012108148 A1 20120503

DOCDB simple family (application)

EP 11007213 A 20110906; CA 2751931 A 20110909; CZ 2010682 A 20100910; JP 2011196708 A 20110909; JP 2015004533 U 20150907; RU 2011138368 A 20110909; US 201113225795 A 20110906