

Title (en)

Adhesive toilet product, containment and applicator device thereto

Title (de)

Haftendes Toiletprodukt, Behälter und Geräte dazu

Title (fr)

Produit adhésif pour la cuvette de toilette, un conteneur et un applicateur à cela

Publication

EP 2141221 B1 20131023 (EN)

Application

EP 09425246 A 20090626

Priority

IT MI20081202 A 20080630

Abstract (en)

[origin: EP2141221A1] An adhesive detergent product comprising a preformed detergent tablet in solid or semi-solid form (11, 11A) is equipped with at least one adhesive substantially flat surface (20) for anchoring to a wall to be treated and with an opposite active surface (30) subjected to the action of a flush of water, in which the preformed detergent tablet in solid or semi-solid form (11, 11A) in plan is shell-shaped, symmetrical with respect to a median plane (12) perpendicular to the x-y plane and containing the x axis. A relative containment and applicator device (100) of such an adhesive detergent product, suitable for containing the product and applying it on a surface of a sanitary apparatus, comprises at least one containment portion (112) suitable for containing the detergent product (10, 10') in a complementary fashion, made from flexible material, and a grip portion (114), operatively connected to the containment portion (112) and configured to not come into contact with the detergent product (10, 10').

IPC 8 full level

E03D 9/02 (2006.01); **B25G 1/00** (2006.01); **B25G 1/02** (2006.01); **B25G 1/10** (2006.01); **C11D 17/00** (2006.01); **C11D 17/04** (2006.01); **E03D 9/03** (2006.01)

CPC (source: EP)

C11D 17/0056 (2013.01); **C11D 17/041** (2013.01); **E03D 9/032** (2013.01)

Cited by

US8927477B2; WO2012017276A1; WO2015120886A1; WO2012017277A1; WO2014180579A1; DE102015218217A1; ITRE20110035A1; RU2684920C2; GB2502763A; GB2502763B; JP2016124572A; AU2015212604B2; AU2015212604B9; CN103068959A; US2013171227A1; AU2011287326B2; CN103270227A; AU2011289910B2; USD914838S; US9364872B2; WO2013050840A2; WO2015120887A1; WO2015114306A1; WO2012021169A1; WO2013050840A3; EP2770045A1; WO2014128029A1; US8794293B2; US9370794B2; US8440600B2; US9347210B2; US9492839B2; WO2013054124A1; WO2014072677A1; US10465366B2; WO2011112256A3; JP2013535602A; EP2662435A1; US2015345123A1; US10294643B2; EP2603645B1

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

EP 2141221 A1 20100106; EP 2141221 B1 20131023; ES 2442272 T3 20140210; HR P20140059 T1 20140228; IT MI20081202 A1 20100101; PL 2141221 T3 20140430; SI 2141221 T1 20140228

DOCDB simple family (application)

EP 09425246 A 20090626; ES 09425246 T 20090626; HR P20140059 T 20140120; IT MI20081202 A 20080630; PL 09425246 T 20090626; SI 200930826 T 20090626