

Title (en)

A SANITARY AGENT

Title (de)

HYGIENEMITTEL

Title (fr)

AGENT SANITAIRE

Publication

EP 2601284 A1 20130612 (EN)

Application

EP 11729169 A 20110527

Priority

- IT RE20100065 A 20100806
- IB 2011001165 W 20110527

Abstract (en)

[origin: WO2012017277A1] A sanitary agent for treatment of a sanitary appliance, comprising a solid or semi-solid active body, including a treatment compound having at least an active element for treatment of the sanitary appliance and at least a surfactant, comprising an adhesive layer positioned on a portion of the external surface of the active body, wherein the adhesive layer comprises at least an adhesive element derived from colophony resin destined to realise adhesion of the active body to a wall of the sanitary appliance. In this way, good adhesion of the sanitary agent to the sanitary apparatus to be treated is obtained, as well as an efficient cleaning of the sanitary apparatus and, at the same time, it is not necessary to touch non-hygienic zones of the sanitary apparatus (the toilet bowl) with the hands in order to remove the residues of the sanitary agent on termination of the use stage thereof.

IPC 8 full level

E03D 9/02 (2006.01); **C11D 3/382** (2006.01); **C11D 11/00** (2006.01); **C11D 17/00** (2006.01); **C11D 17/04** (2006.01)

CPC (source: EP US)

C11D 3/382 (2013.01 - EP US); **C11D 17/0056** (2013.01 - EP US); **E03D 9/032** (2013.01 - EP US); **C11D 2111/14** (2024.01 - EP US);
E03D 2009/024 (2013.01 - EP US)

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

DOCDB simple family (publication)

WO 2012017277 A1 20120209; AU 2011287328 A1 20130228; AU 2011287328 B2 20130912; CA 2805335 A1 20120209;
CN 103052705 A 20130417; CN 103052705 B 20150729; EA 022707 B1 20160229; EA 201390062 A1 20130628; EP 2601283 A1 20130612;
EP 2601283 B1 20141119; EP 2601284 A1 20130612; EP 2601284 B1 20160113; ES 2528369 T3 20150209; ES 2561529 T3 20160226;
IL 224340 A 20151029; IT RE20110041 A1 20120207; IT RE20110042 A1 20120207; MA 34455 B1 20130801; US 2013125297 A1 20130523;
WO 2012017278 A1 20120209

DOCDB simple family (application)

IB 2011001164 W 20110527; AU 2011287328 A 20110527; CA 2805335 A 20110527; CN 201180037794 A 20110527;
EA 201390062 A 20110527; EP 11727520 A 20110527; EP 11729169 A 20110527; ES 11727520 T 20110527; ES 11729169 T 20110527;
IB 2011001165 W 20110527; IL 22434013 A 20130121; IT RE20110041 A 20110608; IT RE20110042 A 20110608; MA 35643 A 20130205;
US 201113814467 A 20110527