

Title (en)

Self-cleaning surface with hydrophobic structure and process for making it

Title (de)

Selbstreinigende Oberfläche mit hydrophober Oberflächenstruktur und Verfahren zu deren Herstellung

Title (fr)

Surface auto-nettoyante avec une structure hydrophobe et procédé pour sa réalisation

Publication

EP 1249281 A3 20030102 (DE)

Application

EP 02004703 A 20020301

Priority

DE 10118345 A 20010412

Abstract (en)

[origin: EP1249281A2] A self-cleaning surface having a synthetic at least partially hydrophobic surface structure with hills and depressions, formed by particles fixed to the surface by a carrier is new. <??>An Independent claim is included for a process for preparing the self-cleaning surface as above.

IPC 1-7

B05D 5/08

IPC 8 full level

B05D 5/00 (2006.01); **B05D 5/08** (2006.01); **B05D 7/24** (2006.01)

CPC (source: EP US)

B05D 5/08 (2013.01 - EP US); **B05D 5/083** (2013.01 - EP US); **Y10T 428/24355** (2015.01 - EP US); **Y10T 428/24372** (2015.01 - EP US); **Y10T 428/2438** (2015.01 - EP US); **Y10T 428/24388** (2015.01 - EP US); **Y10T 428/24405** (2015.01 - EP US); **Y10T 428/24413** (2015.01 - EP US); **Y10T 428/24421** (2015.01 - EP US); **Y10T 428/25** (2015.01 - EP US); **Y10T 428/254** (2015.01 - EP US); **Y10T 428/256** (2015.01 - EP US); **Y10T 428/259** (2015.01 - EP US); **Y10T 428/26** (2015.01 - EP US)

Citation (search report)

[X] WO 0039239 A1 20000706 - BAYER AG [DE], et al

Cited by

EP1968753A4; DE102005037338A1; EP2007692A4; WO2007092746A3; WO2005105324A1; WO2004014574A3

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1249281 A2 20021016; **EP 1249281 A3 20030102**; **EP 1249281 B1 20070516**; AT E362404 T1 20070615; CA 2381747 A1 20021012; CA 2381747 C 20120124; DE 10118345 A1 20021017; DE 50210148 D1 20070628; DK 1249281 T3 20070910; ES 2286169 T3 20071201; JP 2002346470 A 20021203; JP 4102583 B2 20080618; US 2002150726 A1 20021017; US 6811856 B2 20041102

DOCDB simple family (application)

EP 02004703 A 20020301; AT 02004703 T 20020301; CA 2381747 A 20020410; DE 10118345 A 20010412; DE 50210148 T 20020301; DK 02004703 T 20020301; ES 02004703 T 20020301; JP 2002106942 A 20020409; US 12036602 A 20020412