

Title (en)
COATING AGENTS FOR PRODUCING RIGID COATINGS RESISTANT TO SCRATCHING AND SOILING AND RIGID MOULDED BODIES RESISTANT TO SCRATCHING AND SOILING AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
BESCHICHTUNGSMITTEL ZUR HERSTELLUNG VON UMFORMBAREN KRATZFESTBESCHICHTUNGEN MIT SCHMUTZABWEISENDER WIRKUNG, KRATZFESTE UMFORMBARE SCHMUTZABWEISENDE FORMKÖRPER SOWIE VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)
AGENTS DE REVETEMENT POUR REALISER DES REVETEMENTS INDEFORMABLES, RESISTANTS AUX RAYURES, AYANT UNE ACTION DE RESISTANCE AUX SALISSURES, CORPS MOULES INDEFORMABLES, RESISTANTS AUX RAYURES, AYANT UNE ACTION DE RESISTANCE AUX SALISSURES, ET LEUR PROCEDE DE REALISATION

Publication
EP 1601727 A1 20051207 (DE)

Application
EP 03758013 A 20031018

Priority
• EP 0311546 W 20031018
• DE 10260067 A 20021219

Abstract (en)
[origin: CA2509713A1] The invention relates to coating agents for producing rigid coatings resistant to scratching and soiling which contain: A) 1-30 mass % polymer produced by free radical polymerisation of a mixture containing A1) 1-10 weight parts of at least one sulphur compound containing at least 3 thiol groups and A2) 90-99 weight parts of alkylmethacrylate; B) 0.2-10 %mass of at least one fluoralkyl(meth)acrylate having from 3 to 30 carbon atoms in an alcohol radical which comprises from 6 to 61 fluorine atoms; C) 20-80 mass % multifunctional (methyl)acrylate; D) 0.01-10 mass % of at least one initiator; E) 5-75 mass % of at least one solvent and F) 0-40 mass % ordinary additives. The rigid moulded bodies resistant to scratching and soiling and comprising a plastic substrate and scratching resistant coating are also disclosed. </SDOA B>

IPC 1-7
C09D 4/06; C08F 265/00

IPC 8 full level
C09D 4/06 (2006.01)

CPC (source: EP KR US)
C09D 4/06 (2013.01 - EP US); **C09D 5/16** (2013.01 - KR); **C09D 181/04** (2013.01 - KR)

Citation (search report)
See references of WO 2004056929A1

Cited by
DE10155230C5

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 10260067 A1 20040701; AU 2003274035 A1 20040714; BR 0317416 A 20051108; CA 2509713 A1 20040708; CN 1729257 A 20060201; EP 1601727 A1 20051207; JP 2006510760 A 20060330; KR 20050084426 A 20050826; MX PA05006564 A 20050816; MY 142522 A 20101215; RU 2005122603 A 20060120; RU 2337119 C2 20081027; TW 200427800 A 20041216; TW I297033 B 20080521; US 2006058458 A1 20060316; WO 2004056929 A1 20040708; ZA 200504905 B 20060329

DOCDB simple family (application)
DE 10260067 A 20021219; AU 2003274035 A 20031018; BR 0317416 A 20031018; CA 2509713 A 20031018; CN 200380106743 A 20031018; EP 0311546 W 20031018; EP 03758013 A 20031018; JP 2004561141 A 20031018; KR 20057011455 A 20050617; MX PA05006564 A 20031018; MY PI20033749 A 20031001; RU 2005122603 A 20031018; TW 92135528 A 20031216; US 53912605 A 20050616; ZA 200504905 A 20060125