

Title (en)
COATING AGENT ON THE BASIS OF A POLYACRYLATE RESIN CONTAINING AN HYDROXYL GROUP, AND ITS USE IN A METHOD OF PRODUCING A MULTIPLE-LAYER PAINT COATING

Title (de)
BESCHICHTUNGSMITTEL AUF BASIS EINES VERZWEIGTEN HYDROXYLGRUPPENHALTIGEN POLYACRYLATHARZES ENTHALTEND CYCLOALIPHATISCHE MONOMEREINHEITEN UND SEINE VERWENDUNG IN VERFAHREN ZUR HERSTELLUNG EINER MEHRSCICHTLACKIERUNG

Title (fr)
AGENT DE REVETEMENT A BASE D'UNE RESINE POLYACRYLATE CONTENANT UN GROUPE HYDROXYLE, ET SON UTILISATION DANS UN PROCEDE DE REALISATION D'UN LAQUAGE MULTICOUCHE

Publication
EP 0912644 A1 19990506 (DE)

Application
EP 97930500 A 19970703

Priority
• DE 19629851 A 19960724
• EP 9703514 W 19970703

Abstract (en)
[origin: DE19629851A1] The subject of the present invention is a coating agent containing one or more polyacrylate resins with an hydroxyl group as the binder (A), and one or more cross-linking agents (B), with the component (A) being obtained by free-radical polymerization of: a) 5 % to 80 % by weight of one or more alicyclic esters of (meth)acrylic acid, b) 10 % to 50 % by weight of one or more alkyl esters of (meth)acrylic acid containing an hydroxyl group, c) 1 % to 25 % by weight of one or more monomers having two or more polymerizable, olefinically unsaturated double bonds, d) 0 % to 25 % by weight of one or more additional monomers containing an hydroxyl group, e) 5 % to 80 % by weight of one or more aliphatic esters of (meth)acrylic acid, f) 0 % to 40 % by weight of one or more vinyl aromatics, and g) 0 % to 40 % by weight of one or more additional monomers, with the sum of the percentages by weight of all the monomers (a) to (g) always being 100 %. Also covered by the invention is a method of producing a multiple-layer paint coating using the coating agent according to the invention, and the use of the coating agent according to the invention as a top coat, especially for painting repaired automobiles.

IPC 1-7
C09D 133/04

IPC 8 full level
C09D 133/04 (2006.01); **B05D 5/00** (2006.01); **B05D 7/00** (2006.01); **C08G 18/62** (2006.01)

CPC (source: EP KR US)
B05D 5/005 (2013.01 - EP US); **B05D 7/532** (2013.01 - EP US); **C08G 18/6229** (2013.01 - EP US); **C09D 133/04** (2013.01 - KR)

Citation (search report)
See references of WO 9804642A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)
DE 19629851 A1 19980129; BR 9710543 A 19990817; CA 2258636 A1 19980205; CN 1226278 A 19990818; EP 0912644 A1 19990506; JP 2000515912 A 20001128; KR 20000029519 A 20000525; US 6099912 A 20000808; WO 9804642 A1 19980205; ZA 975104 B 19980114

DOCDB simple family (application)
DE 19629851 A 19960724; BR 9710543 A 19970703; CA 2258636 A 19970703; CN 97196650 A 19970703; EP 9703514 W 19970703; EP 97930500 A 19970703; JP 50841098 A 19970703; KR 19997000566 A 19990123; US 23057199 A 19990125; ZA 975104 A 19970710