

Title (en)
POLYMER FOR TREATING SURFACES

Title (de)
POLYMER FÜR DIE BEHANDLUNG VON OBERFLÄCHEN

Title (fr)
POLYMERES POUR LE TRAITEMENT DE SURFACES

Publication
EP 1713894 A2 20061025 (DE)

Application
EP 05707036 A 20050127

Priority
• EP 2005000794 W 20050127
• DE 102004005010 A 20040130

Abstract (en)
[origin: WO2005073357A2] The invention relates to compositions for treating hard surfaces and containing a water-soluble or water-dispersible compound, as constituent A, that can be obtained by the reaction of aa) polyalkylene polyamines, polyamidoamines, polyamidoamines grafted by ethyleneimine, polyetheramines, and mixtures of the cited compounds, as constituent Aa; ab) optionally at least bifunctional crosslinkers that comprise, as a functional group, a halogenhydrine, glycidyl, aziridine or isocyanate unit, or a halogen atom, as constituent Ab; ac) monoethylenically unsaturated carboxylic acids, salts, esters, amides or nitriles of monoethylenically unsaturated carboxylic acids, chorocarboxylic acids and/or glycidyl compounds such as glycidyl acid, glycidyl amide or glycidyl esters; and water. The invention also relates to a method for producing a water-soluble or water-dispersible compound, water-soluble or water-dispersible compounds that can be produced according to the inventive method, and the use of water-soluble or water-dispersible compounds according to the invention in compositions for treating hard surfaces, for rapid drying without marks, for simplifying the removal of dirt, for reducing or preventing the condensation of water, and/or for forming dried water marks on the hard surfaces.

IPC 8 full level
C11D 3/37 (2006.01); **C11D 3/00** (2006.01)

CPC (source: EP US)
C11D 3/0036 (2013.01 - EP US); **C11D 3/3719** (2013.01 - EP US); **C11D 3/3723** (2013.01 - EP US)

Citation (search report)
See references of WO 2005073357A2

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

DOCDB simple family (publication)
WO 2005073357 A2 20050811; WO 2005073357 A3 20051006; AT E474905 T1 20100815; BR PI0507238 A 20070626; BR PI0507238 B1 20151103; CA 2555290 A1 20050811; CN 1926228 A 20070307; CN 1926228 B 20100526; DE 102004005010 A1 20050818; DE 502005009949 D1 20100902; EP 1713894 A2 20061025; EP 1713894 B1 20100721; ES 2349196 T3 20101228; JP 2007534791 A 20071129; JP 4630289 B2 20110209; US 2007155646 A1 20070705; US 7902141 B2 20110308

DOCDB simple family (application)
EP 2005000794 W 20050127; AT 05707036 T 20050127; BR PI0507238 A 20050127; CA 2555290 A 20050127; CN 200580006374 A 20050127; DE 102004005010 A 20040130; DE 502005009949 T 20050127; EP 05707036 A 20050127; ES 05707036 T 20050127; JP 2006550106 A 20050127; US 58726905 A 20050127