

Title (en)

METHOD FOR CLEANING A SURFACE WITH AN AQUEOUS COMPOSITION CONTAINING A DISPERSED POLYMER

Title (de)

VERFAHREN ZUR OBERFLÄCHENREINIGUNG MITTELS EINES DISPERGIERTEN POLYMERS

Title (fr)

PROCEDE DE NETTOYAGE D'UNE SURFACE A L'AIDE D'UNE COMPOSITION AQUEUSE CONTENANT UN POLYMER EN DISPERSION

Publication

**EP 1404792 B1 20090826 (FR)**

Application

**EP 02764969 A 20020710**

Priority

- FR 0202423 W 20020710
- US 30410001 P 20010711

Abstract (en)

[origin: WO03006595A1] A method for increasing the cleaning properties of an aqueous cleaning composition comprising at least one surfactant agent for cleaning a surface soiled by a stain, by adding to the cleaning composition at least one polymer (P) comprising hydrophobic monomer units which are non-charged or non-ionizable with respect to the usual pH of the inventive composition and, optionally, at least one hydrophilic monomer. Preferably, the polymer used is a copolymer having sulphuric functions in an ionic form (preferably sulphonated or sulphatic functions).

IPC 8 full level

**C11D 3/37** (2006.01); **C11D 3/00** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP US)

**C11D 3/0031** (2013.01 - EP US); **C11D 3/0036** (2013.01 - EP US); **C11D 3/3749** (2013.01 - EP US); **C11D 3/3765** (2013.01 - EP US); **C11D 3/378** (2013.01 - EP US); **C11D 3/3796** (2013.01 - EP US); **C11D 17/0013** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 03006595 A1 20030123**; AT E440938 T1 20090915; DE 60233496 D1 20091008; EP 1404792 A1 20040407; EP 1404792 B1 20090826; US 2003109413 A1 20030612; US 7094747 B2 20060822

DOCDB simple family (application)

**FR 0202423 W 20020710**; AT 02764969 T 20020710; DE 60233496 T 20020710; EP 02764969 A 20020710; US 19263302 A 20020711