

Title (en)

COMPOSITION FOR CLEANING OR RINSING HARD SURFACES

Title (de)

SPÜL- UND REINIGUNGSMITTEL FÜR HARTE OBERFLÄCHEN

Title (fr)

COMPOSITION NETTOYANTE OU RINCANTE POUR SURFACES DURES

Publication

EP 1594945 B1 20170301 (FR)

Application

EP 03799667 A 20031219

Priority

- FR 0303841 W 20031219
- FR 0302079 A 20030220
- FR 0309527 A 20030801

Abstract (en)

[origin: FR2851572A1] Aqueous or aqueous alcoholic compositions (A) for cleaning or rinsing hard surfaces contain at least one polybetaine (I) having (a) an overall permanent anionic and cationic charges over a pH range of 1-14, each betaine unit having as many permanent anionic charges as cationic charges and (b) a weight average molecular weight (M w) of 5000-3000000 (preferably 8000-100000, especially 10000-50000). An independent claim is included for the preparation of (I).

IPC 8 full level

C11D 11/00 (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP US)

C11D 3/3796 (2013.01 - EP US); **C11D 2111/14** (2024.01 - EP US)

Cited by

US8883262B2

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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)

FR 2851572 A1 20040827; **FR 2851572 B1 20070406**; AU 2003299381 A1 20041011; BR 0318128 A 20060207; BR 0318128 B1 20130827; CA 2516405 A1 20040930; CA 2516405 C 20120214; EP 1594945 A1 20051116; EP 1594945 B1 20170301; ES 2626984 T3 20170726; JP 2006514150 A 20060427; JP 2010100861 A 20100506; US 2006217286 A1 20060928; US 7923428 B2 20110412; WO 2004083354 A1 20040930

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