

Title (en)

MACHINE DISHWASHING COMPOSITIONS CONTAINING BLEACHING AGENTS AND POLYMERS

Title (de)

BLEICHMITTEL UND POLYMERE ENTHALTENDE MASCHINENGESCHIRRSPÜLMITTELLZUSAMMENSETZUNGEN

Title (fr)

COMPOSITIONS DETERGENTES POUR LAVE-VAISSELLE CONTENANT DES AGENTS DE BLANCHIMENT ET DES POLYMERES

Publication

EP 1280881 B1 20060913 (EN)

Application

EP 01940397 A 20010504

Priority

- EP 0105014 W 20010504
- US 20341000 P 20000511

Abstract (en)

[origin: WO0185890A1] Detergent formulations containing cationic bleaching agents and water-soluble polymers having cationic groups improve tea stain removal in machine dishwashing applications.

IPC 8 full level

C11D 3/37 (2006.01); **C11D 3/22** (2006.01); **C11D 3/39** (2006.01); **C11D 11/00** (2006.01); **C11D 17/04** (2006.01)

CPC (source: EP)

C11D 3/227 (2013.01); **C11D 3/3723** (2013.01); **C11D 3/3769** (2013.01); **C11D 3/3773** (2013.01); **C11D 3/3776** (2013.01); **C11D 3/3796** (2013.01); **C11D 3/3915** (2013.01); **C11D 3/3917** (2013.01); **C11D 3/392** (2013.01); **C11D 3/3925** (2013.01); **C11D 3/3927** (2013.01); **C11D 3/3932** (2013.01); **C11D 3/3945** (2013.01); **C11D 17/042** (2013.01); **C11D 2111/14** (2024.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0185890 A1 20011115; AR 033372 A1 20031217; AT E339493 T1 20061015; AU 7398801 A 20011120; DE 60123039 D1 20061026; EP 1280881 A1 20030205; EP 1280881 B1 20060913; ZA 200208532 B 20031022

DOCDB simple family (application)

EP 0105014 W 20010504; AR P010102205 A 20010510; AT 01940397 T 20010504; AU 7398801 A 20010504; DE 60123039 T 20010504; EP 01940397 A 20010504; ZA 200208532 A 20021022