

Title (en)

LIQUID DETERGENTS COMPRISING ANIONIC AND CATIONIC SURFACTANTS

Title (de)

FLÜSSIGWASCHMITTEL ENTHALTEND ANIONISCHE UND KATIONISCHE TENSIDE

Title (fr)

PRODUITS DE LAVAGE LIQUIDES CONTENANT DES TENSIOACTIFS ANIONIQUES ET CATIONIQUES

Publication

EP 1812545 A1 20070801 (DE)

Application

EP 05811683 A 20051105

Priority

- EP 2005011855 W 20051105
- DE 102004053970 A 20041109

Abstract (en)

[origin: DE102004053970A1] A liquid detergent and cleansing agent contains (A) an alkylbenzene sulfonate, olefin sulfonate, alkyl sulfate and/or alkylether sulfate; (B) a secondary alkane sulfonate; (C) a soap; (D) a nonionic surfactant; and (E) a cationic surfactant.

IPC 8 full level

C11D 1/86 (2006.01); **C11D 10/04** (2006.01); **C11D 1/14** (2006.01); **C11D 1/22** (2006.01); **C11D 1/62** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP US)

C11D 10/04 (2013.01 - EP US); **C11D 1/143** (2013.01 - EP US); **C11D 1/146** (2013.01 - EP US); **C11D 1/22** (2013.01 - EP US); **C11D 1/62** (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US)

Citation (search report)

See references of WO 2006050877A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DE 102004053970 A 20041109; DE 502005008390 T 20051105; EP 05811683 A 20051105; EP 2005011855 W 20051105; ES 05811683 T 20051105; JP 2007539544 A 20051105; US 66732805 A 20051105