

Title (en)

Liquid laundry detergent composition for low temperature programs and short programs

Title (de)

Flüssigwaschmittel für Tieftemperaturprogramme und Kurzprogramme

Title (fr)

Composition détergente liquide pour des cycles à basse température et des cycles courtes

Publication

EP 1717303 A1 20061102 (DE)

Application

EP 06008623 A 20060426

Priority

CH 7442005 A 20050427

Abstract (en)

Liquid detergent composition (I) comprises at least two liquid partial compositions, where the first liquid partial composition is a bleaching component containing a suspended organic peroxyacid and the second liquid partial composition is a detergent component containing at least an enzyme, where the detergent composition additionally contains nonionic surfactant such as at least one esterified fatty acid with polyethylene glycol exhibiting 5-15 ethoxy groups, and at least one etherified (ethoxylated) fatty alcohol with polyethylene glycol exhibiting 3-15 ethoxy groups.

IPC 8 full level

C11D 3/39 (2006.01); **C11D 1/825** (2006.01); **C11D 1/83** (2006.01); **C11D 3/386** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)

C11D 1/825 (2013.01); **C11D 3/386** (2013.01); **C11D 3/3947** (2013.01); **C11D 17/0013** (2013.01); **C11D 17/043** (2013.01); **C11D 1/72** (2013.01); **C11D 1/74** (2013.01)

Citation (search report)

- [X] EP 0742309 A1 19961113 - HOECHST AG [DE]
- [X] DE 3836075 A1 19890622 - COLGATE PALMOLIVE CO [US]
- [A] US 2004033921 A1 20040219 - DASQUE BRUNO MATTHIEU [GB], et al
- [A] DE 3729535 A1 19880310 - COLGATE PALMOLIVE CO [US]

Cited by

EP3441446A1; WO2010112548A1; US8328951B2; EP1879992A1

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1717303 A1 20061102; EP 1717303 B1 20081126; AT E415467 T1 20081215; DE 502006002159 D1 20090108

DOCDB simple family (application)

EP 06008623 A 20060426; AT 06008623 T 20060426; DE 502006002159 T 20060426