

Title (en)
IMPROVED DETERGENT COMPOSITION

Title (de)
VERBESSERTES WASCHMITTEL

Title (fr)
DETERGENT AYANT UNE COMPOSITION AMELIOREE

Publication
EP 1625195 A1 20060215 (EN)

Application
EP 03769482 A 20031021

Priority
• EP 0312186 W 20031021
• IN 989MU2002 A 20021115

Abstract (en)
[origin: WO2004046292A1] The invention relates to synergistic concentrated cleaning composition comprising one or more surfactants and one or more water swellable polymers that can absorb more than their weight of water. The composition can be converted into a voluminous paste or thick liquid by the simple addition of water prior to use, to ensure the spreadability of the composition on a large number of surfaces to be cleaned.

IPC 1-7
C11D 3/14; **C11D 1/83**; **C11D 3/37**; **C11D 3/22**

IPC 8 full level
C11D 1/83 (2006.01); **C11D 3/14** (2006.01); **C11D 3/22** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)
C11D 1/83 (2013.01); **C11D 3/14** (2013.01); **C11D 3/22** (2013.01); **C11D 3/225** (2013.01); **C11D 3/3707** (2013.01); **C11D 3/3757** (2013.01); **C11D 3/3765** (2013.01); **C11D 3/3769** (2013.01); **C11D 3/3788** (2013.01)

Citation (search report)
See references of WO 2004046292A1

Cited by
US10519402B2; US10676693B2; US10266792B2; US10407646B2; US10538719B2; US11306275B2; WO2014072677A1; US10626351B2; US10689600B2; US10723975B2; US11261402B2; US10844321B2; US11643618B2; US11213436B2; US10357410B2; US11135103B2; US11324645B2; US11633311B2; US11766367B2; US11813150B2; US11998431B2

Designated contracting state (EPC)
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)
WO 2004046292 A1 20040603; AR 042040 A1 20050608; AT E362509 T1 20070615; AU 2003278170 A1 20040615; BR 0315253 A 20050823; CN 100393863 C 20080611; CN 1711346 A 20051221; DE 60313899 D1 20070628; DE 60313899 T2 20070906; EP 1625195 A1 20060215; EP 1625195 B1 20070516; ES 2287532 T3 20071216; MX PA05004942 A 20050722; MY 136648 A 20081128; PL 202080 B1 20090529; PL 376782 A1 20060109; RU 2005118430 A 20060110; RU 2323963 C2 20080510; ZA 200502826 B 20060726

DOCDB simple family (application)
EP 0312186 W 20031021; AR P030104176 A 20031113; AT 03769482 T 20031021; AU 2003278170 A 20031021; BR 0315253 A 20031021; CN 200380103132 A 20031021; DE 60313899 T 20031021; EP 03769482 A 20031021; ES 03769482 T 20031021; MX PA05004942 A 20031021; MY PI20034361 A 20031113; PL 37678203 A 20031021; RU 2005118430 A 20031021; ZA 200502826 A 20050407