

Title (en)
STABLE NONAQUEOUS BLEACHING DETERGENT COMPOSITION DISPERSION

Title (de)
STABILE NICHTWÄSSRIGE BLEICHMITTELDISPERSION

Title (fr)
DISPERSION D'UNE COMPOSITION DE DÉTERGENT DE BLANCHIMENT STABLE NON AQUEUX

Publication
EP 1778827 A1 20070502 (EN)

Application
EP 05759218 A 20050615

Priority

- US 2005021160 W 20050615
- EP 04103183 A 20040706
- US 58561904 P 20040706
- EP 05759218 A 20050615

Abstract (en)
[origin: EP1614741A1] The invention pertains to a nonaqueous bleaching detergent composition comprising a dispersion of: a) from 20% to 85% by weight of a solid bleaching agent, b) from 0.1 to 10% by weight of a thickening agent, c) from 0 to 0.3% by weight of a thickening agent activator, d) from 0 to 23% by weight of an auxiliary compound, and e) at least 14.9% by weight up to a total of 100% by weight of a nonaqueous liquid, which is chemically inert to the bleaching agent and wherein the solubility of the bleaching agent is less than 10 mg/l. The composition is effective for washing machines, dishwashing and cleaning in place applications in removing coffee, tea, and wine stains and the like. The composition can be made in substantially higher concentrations than prior art compositions, and is nevertheless stable under storage conditions.

IPC 8 full level
C11D 3/395 (2006.01); **C11D 3/12** (2006.01); **C11D 3/18** (2006.01); **C11D 3/20** (2006.01); **C11D 3/37** (2006.01); **C11D 3/382** (2006.01); **C11D 3/384** (2006.01); **C11D 11/00** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP KR US)
C11D 3/12 (2013.01 - KR); **C11D 3/1266** (2013.01 - EP US); **C11D 3/18** (2013.01 - EP KR US); **C11D 3/2093** (2013.01 - EP US); **C11D 3/37** (2013.01 - KR); **C11D 3/3707** (2013.01 - EP US); **C11D 3/3749** (2013.01 - EP US); **C11D 3/3765** (2013.01 - EP US); **C11D 3/382** (2013.01 - EP US); **C11D 3/3947** (2013.01 - EP US); **C11D 3/395** (2013.01 - KR); **C11D 3/3955** (2013.01 - EP US); **C11D 3/3956** (2013.01 - EP US); **C11D 11/0094** (2013.01 - EP US); **C11D 17/0004** (2013.01 - EP US)

Citation (search report)
See references of WO 2006014223A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1614741 A1 20060111; AU 2005270162 A1 20060209; BR PI0512726 A 20080408; CA 2572500 A1 20060209; CN 100577786 C 20100106; CN 1977037 A 20070606; EP 1778827 A1 20070502; JP 2008506005 A 20080228; KR 20070028521 A 20070312; MX PA06015110 A 20070327; US 2008263778 A1 20081030; WO 2006014223 A1 20060209

DOCDB simple family (application)
EP 04103183 A 20040706; AU 2005270162 A 20050615; BR PI0512726 A 20050615; CA 2572500 A 20050615; CN 200580021250 A 20050615; EP 05759218 A 20050615; JP 2007520321 A 20050615; KR 20077000307 A 20070105; MX PA06015110 A 20050615; US 2005021160 W 20050615; US 57042505 A 20050615