

Title (en)

ISOTROPIC AQUEOUS LIQUID LAUNDRY DETERGENT COMPRISING SEQUESTERANT

Title (de)

ISOTROPES WÄSSRIGES FLÜSSIGWASCHMITTEL MIT KOMPLEXBILDNER

Title (fr)

DÉTERGENT LIQUIDE AQUEUX ISOTROPIQUE POUR LA LESSIVE COMPRENANT UN SÉQUESTERANT

Publication

EP 2794833 A1 20141029 (EN)

Application

EP 12787453 A 20121119

Priority

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- EP 12787453 A 20121119

Abstract (en)

[origin: WO2013092049A1] An isotropic liquid laundry detergent comprising: a) at least 10 wt% of a surfactant system, the surfactant system comprising: a(i) at least 5 wt% ethoxylated alcohol nonionic surfactant, a(ii) optionally, amine oxide amphoteric surfactant, a(iii) at least 5 wt% linear alkyl benzene sulphonate formed from neutralisation of LAS acid by an amine that buffers at the pH of the composition and a second non-buffering amine that does not buffer because its pKa is at least 2 units higher than the in-bottle pH of the composition, a(iv) soap formed from the neutralisation of fatty acid by the first and second amine, and a(v) optionally, Alkyl ether sulphate; b) at least 1.5 wt% HEDP, c) at least 5 wt% of a polymer system comprising nonionic EPEI and nonionic PET POET polyester soil release polymer, and d) at least 2 enzymes. the in-bottle pH of the composition being in the range 6.0 to less than 7, preferably 6.3 to 6.7.

IPC 8 full level

C11D 1/83 (2006.01); **C11D 3/30** (2006.01); **C11D 3/36** (2006.01); **C11D 3/37** (2006.01); **C11D 3/386** (2006.01); **C11D 10/04** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2013092049A1

Cited by

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DOCDB simple family (application)

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