

Title (en)

NON AQUEOUS LIQUID DETERGENT PRODUCT CONSISTING OF TWO SEPARATE BASE COMPOSITIONS

Publication

**EP 0256343 B1 19900411 (EN)**

Application

**EP 87110667 A 19870723**

Priority

IT 1253186 A 19860812

Abstract (en)

[origin: EP0256343A1] Liquid detergent comprising a non-aqueous liquid base, containing, in solution and/or dispersion and/or emulsion, the other solid and liquid components of the detergent. The detergent comprises two different and separated phases (A,B), to be mixed together at the time of use or just before, wherein one of the two phases (phase A) contains the oxidizing agents and the other phase (phase B) contains enzymes and activation agents for the oxidizing agents contained in the other detergent phase (A). Other components, chosen from the agents listed below are furthermore present in both the detergent phases (A,B): builders, pigments, stabilizers, perfumes, dyes, optical brighteners, anti-redeposition agents, anionic and/or cationic surfactants, anti-foaming agents. The non-aqueous liquid base is formed by a mixture of non-ionogenic surfactants with a possible addition of a polar solvent for viscosity control purposes. By mixing the two phases (A,B), a liquid detergent composition is obtained which is complete in all its cleansing functions, action on oxidizable stains, on protein stains, sequestration of alkaline-earth metal and heavy-metal ions, etc. The solid material content in the two phases (A,B) is suitably comprised in the concentration range between 40-60% by weight.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

EP0729741A1; US5160655A; GB2245262A; EP0359492A3; US6080710A; US5695687A; US5807438A; DE4418487A1; DE4418487C2; EP0359491A3; GB2196347B; US6841528B2; WO9403580A1; WO0244314A1; WO0208370A3; WO9900471A1; WO0039271A1; WO9302172A1; WO9514077A1; WO9630489A3; WO9616152A1

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