

Title (en)

Bi-continuous micro-emulsion detergent composition

Title (de)

Bikontinuierliche Mikroemulsions-Waschmittelzusammensetzung

Title (fr)

Composition de détergent à micro-émulsion bi-continue

Publication

EP 2361963 A1 20110831 (EN)

Application

EP 10152245 A 20100201

Priority

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Abstract (en)

The present invention is in the field of detergent compositions; in particular high active liquid detergent compositions, for use in laundry and/or household cleaning amongst others. The compositions of the present invention relate to the field of to micro-emulsions, in particular bi-continuous micro-emulsions. It is an object of the present invention to provide a composition that provides fast dissolution of solid fatty material. It has been found that a bi-continuous micro-emulsion detergent composition comprising a short chain non-ionic surfactant, provides a concentrated liquid detergent composition that removes soils and/or stains of solid or solidified fatty material in the main wash at neutral pH.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- WO 9527034 A1 19951012 - UNILEVER PLC [GB], et al
- US 5415812 A 19950516 - DURBUT PATRICK [US], et al
- US 4438009 A 19840320 - BENICEK JEANNE A [US], et al
- US 4561991 A 19851231 - HERBOTS IVAN [BE], et al
- SCHWARTZ; PERRY: "Surface Active Agents", vol. 1, 1949, INTERSCIENCE
- "McCutcheon's Emulsifiers and Detergents", MANUFACTURING CONFECTIONERS COMPANY
- H. STACHE: "Tenside-Taschenbuch", 1981, CARL HAUSER VERLAG

Citation (search report)

- [A] US 5891836 A 19990406 - KACHER MARK LESLIE [US]
- [A] US 6544348 B1 20030408 - STOECKIGT DIETER [DE], et al
- [AD] WO 9527034 A1 19951012 - UNILEVER PLC [GB], et al

Cited by

CN103946357A; WO2013075913A1

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