

Title (en)

Hand dishwashing composition with improved foaming properties

Title (de)

Handgeschirrspülmittel mit verbesserten Schaumeigenschaften

Title (fr)

Composition de la vaisselle à la main avec des propriétés moussantes

Publication

EP 2975107 A1 20160120 (EN)

Application

EP 14002454 A 20140716

Priority

EP 14002454 A 20140716

Abstract (en)

The present invention relates to liquid hand dishwashing compositions. Particularly the present invention relates to hand dishwashing compositions with improved foaming properties. The foam produced by applying compositions of the present invention has long lasting duration which is desirable by the user. Moreover in the present invention persistency of foam is existent in oil containing soil dishwashings which is a desirable property by the user. The compositions of the present invention are high concentrated and economically favourable. This task has been accomplished by the present inventor by developing new, unique compositions specifically designed for fulfilling said requirements. More specifically the present invention is about compositions comprising sodium lauryl ether sulfonate, amineoxide compounds, betain compounds and organic solvent in specific ranges. The present invention provide high concentrated and economically feasible liquid hand dishwashing compositions with high foam duration thus fulfilling the need in the field.

IPC 8 full level

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CPC (source: EP)

C11D 1/94 (2013.01); **C11D 3/0094** (2013.01); **C11D 1/29** (2013.01); **C11D 1/75** (2013.01); **C11D 1/90** (2013.01)

Citation (applicant)

- CA 2237694 A1 19970522 - AMWAY CORP [US]
- US 5990065 A 19991123 - VINSON PHILLIP KYLE [US], et al
- WO 9404640 A1 19940303 - PROCTER & GAMBLE [US], et al

Citation (search report)

- [I] EP 2420558 A1 20120222 - PROCTER & GAMBLE [US]
- [I] US 2004005991 A1 20040108 - BOUCHER JEFFREY EDWARD [CN], et al
- [I] US 2004029757 A1 20040212 - LEVITT MARK D [US], et al
- [ID] US 5990065 A 19991123 - VINSON PHILLIP KYLE [US], et al
- [A] DE 102009005791 A1 20100729 - HENKEL AG & CO KGAA [DE]

Cited by

EP3511405A1; EP4134419A1; EP3511402A1; US11427793B2; WO2019143653A1; EP3243897B1; EP3243897B2

Designated contracting state (EPC)

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