

Title (en)

Microemulsion all purpose liquid cleaning compositions with insect repellent.

Title (de)

Mikroemulsion flüssige Allzweckreinigungszusammensetzung mit Insektenabwehrmittel.

Title (fr)

Compositions de nettoyage liquides d'usage général en micro-émulsion contenant un agent repoussant les insectes.

Publication

EP 0677578 A1 19951018 (EN)

Application

EP 95200952 A 19950413

Priority

- US 22853894 A 19940415
- US 38160695 A 19950130

Abstract (en)

A stable oil-in-water microemulsion cleaning composition is provided which is essentially effective for the removal of oily and greasy soil from a hard surface and for repelling insects therefrom. The aqueous phase of said microemulsion comprises by weight of the total composition: (A) from about 0.1 to about 25% of a surfactant mixture of (i) an anionic surfactant; (ii) an ethoxylated glycerol type compound; the weight ratio of (i) and (ii) being from about 1:1 to about 5:1; and (iii) a salt of a multivalent metal cation in an amount sufficient to provide from 0.5 to 1.5 equivalents of cation per equivalent of (i); the anionic surfactant, the nonionic surfactant and amount of multivalent metal cation being selected so as to provide a cloud point of at least about 45 DEG C in the finished microemulsion composition; (B) from about 0.1% to about 30% of a water-soluble cosurfactant having substantially no ability to dissolve oily or greasy soil; and (C) the balance water. The oil phase of said microemulsion is comprised essentially of an effective amount of an insect repellent compound, and optionally a perfume or water insoluble hydrocarbon, said microemulsion composition being effective for removing oily and greasy soils from a hard surface and repelling insects therefrom by solubilizing such soils in the microemulsion while concomitantly depositing the insect repellent compound upon the hard surface to be cleaned to provide insect repelling properties thereto.

IPC 1-7

C11D 17/00; **C11D 1/83**; **C11D 3/00**; **C11D 3/32**; **C11D 1/52**

IPC 8 full level

C11D 1/02 (2006.01); **A01N 25/04** (2006.01); **A01N 25/30** (2006.01); **C11D 1/52** (2006.01); **C11D 1/83** (2006.01); **C11D 3/04** (2006.01); **C11D 3/20** (2006.01); **C11D 3/32** (2006.01); **C11D 3/36** (2006.01); **C11D 3/37** (2006.01); **C11D 3/48** (2006.01); **C11D 17/00** (2006.01); **C11D 1/22** (2006.01); **C11D 1/72** (2006.01); **C11D 1/74** (2006.01)

CPC (source: EP)

C11D 1/521 (2013.01); **C11D 1/83** (2013.01); **C11D 3/32** (2013.01); **C11D 3/48** (2013.01); **C11D 17/0021** (2013.01); **C11D 1/22** (2013.01); **C11D 1/72** (2013.01); **C11D 1/74** (2013.01)

Citation (search report)

- [PA] EP 0619363 A1 19941012 - COLGATE PALMOLIVE CO [US]
- [PA] EP 0637629 A1 19950208 - COLGATE PALMOLIVE CO [US]
- [DA] EP 0525892 A1 19930203 - COLGATE PALMOLIVE CO [US]
- [A] EP 0525893 A1 19930203 - COLGATE PALMOLIVE CO [US] & EP 0525892 A1 19930203 - COLGATE PALMOLIVE CO [US]
- [A] EP 0316726 A2 19890524 - COLGATE PALMOLIVE CO [US]
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Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

EP 0677578 A1 19951018; **EP 0677578 B1 20020206**; AT E213015 T1 20020215; AU 1502095 A 19951026; AU 681487 B2 19970828; BR 9501578 A 19951114; CA 2146068 A1 19951016; DE 69525275 D1 20020321; DK 0677578 T3 20020527; JP H0881693 A 19960326

DOCDB simple family (application)

EP 95200952 A 19950413; AT 95200952 T 19950413; AU 1502095 A 19950323; BR 9501578 A 19950413; CA 2146068 A 19950331; DE 69525275 T 19950413; DK 95200952 T 19950413; JP 9076395 A 19950417