

Title (en)

Foaming antibacterial liquid formulation for cleaning kitchen surfaces.

Title (de)

Schäumende, antibakterielle Flüssigformulierung zur Reinigung von Küchenoberflächen.

Title (fr)

Formulation liquide moussante antibactérienne pour le nettoyage de surfaces de cuisine.

Publication

EP 0651048 A3 19951011 (EN)

Application

EP 94203078 A 19941022

Priority

US 14654493 A 19931101

Abstract (en)

[origin: EP0651048A2] Herein is disclosed a nonionic aqueous dishwashing liquid that has good foaming capability and antibacterial action. The liquid contains: a) 0.5 to 15 weight percent of a quaternary disinfecting compound; b) 0.5 to 20 weight percent of a C12-C13 alcohol ethoxylate nonionic surfactant; c) 0.5 to 20 weight percent of a C13- C15 alcohol ethoxylate nonionic surfactant; d) 0.55 to 20.0 weight percent lauryl dimethyl amine oxide nonionic surfactant; e) 1.5 to 20.0 weight percent cocoamidopropyl betaine nonionic surfactant; f) 0.5 to 20.0 weight percent cocodiethanol amide nonionic surfactant; g) 1.0 to 20.0 weight percent cocamidopropyl hydroxyl sultaine; and h) 0.2 to 2.0 weight percent disodium EDTA.

IPC 1-7

C11D 1/835; C11D 3/48

IPC 8 full level

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C11D 1/75 (2013.01); **C11D 1/90** (2013.01); **C11D 1/92** (2013.01)

Citation (search report)

- [A] GB 2075043 A 19811111 - FLANAGAN J J
- [A] GB 1115300 A 19680529 - PROCTER & GAMBLE
- [A] EP 0004121 A1 19790919 - PROCTER & GAMBLE [US]
- [A] US 3983079 A 19760928 - SPADINI GIANFRANCO LUIGI, et al
- [A] EP 0152194 A2 19850821 - PROCTER & GAMBLE [US]
- [A] EP 0107118 A1 19840502 - RICHARDSON VICKS INC [US]
- [A] DATABASE WPI Week 9035, Derwent World Patents Index; AN 90-264444

Cited by

US6339057B1; US5728672A; AU2003281521B2; US7163783B2; US6017860A; JP2018529822A; US7229956B2; EP0691397A3; GB2504377A;
AU748069B2; AU700516B2; CN1087770C; EP1092763A3; US6239092B1; US6284723B1; US6616922B2; US6218346B1; US10689599B2;
WO2007079022A3; WO0153442A3; WO9814060A1; WO9919438A1; WO9931216A1; WO20076207A1; WO9913036A1; WO2004009754A1;
WO9916854A1; WO9739094A1; WO9706230A1

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