

Title (en)
Disinfecting detergents for hard surfaces

Title (de)
Desinfizierende Reinigungsmittel für harte Oberflächen

Title (fr)
Détergents désinfectants pour surfaces dures

Publication
EP 1018542 A1 20000712 (DE)

Application
EP 00108422 A 19950918

Priority
• EP 95934068 A 19950918
• US 31235494 A 19940926

Abstract (en)
Mixts. of (a) alk(en)yl glycosides of formula $R_{<1>-O-(G)_p$ (I), and (b) alkyl ethers of formula (II) are used to enhance the sterilising effects of detergents contg. disinfectants intended for use on hard surfaces. In the formulae $R_{<1>} = 8-22C$ alk(en)yl; $R_{<2>} = 8-18$ (8-14)C aliphatic alk(en)yl; (G) = 5-6C glucose, pref. glucose; $p = 1-10$; $x = 0-3$ (pref. 0-2); and $y = 1-15$ (pref. 2.5-10). Also claimed are (i) aq. disinfectant detergents contg. 0.1-20 (pref. 0.2-10) wt.% (I: $R_{<1>}$ is 8-10C alk(en)yl), 0.05-20 (pref. 0.1-10) wt.% (II) and 0.01-5 (pref. 0.02-3) wt.% disinfectant (A), (B) or (C) (see below), all w.r.t. the detergent, and (ii) a method for the disinfecting and cleaning of hard surfaces using the detergent in undiluted or water-diluted form.

Abstract (de)
Die vorliegende Erfindung betrifft die Verwendung einer Mischung aus Alkyl- bzw. Alkenyloligoglykosiden (APG's) und bestimmter C8-C18-Alkylether zur Verstärkung der keimreduzierenden Wirkung von desinfektionsmittelhaltigen Reinigungsmitteln für harte Oberflächen.

IPC 1-7
C11D 1/835; **C11D 3/48**

IPC 8 full level
C11D 7/26 (2006.01); **A01N 31/14** (2006.01); **A01N 43/16** (2006.01); **C11D 1/835** (2006.01); **C11D 3/48** (2006.01); **C11D 7/32** (2006.01); **C11D 7/60** (2006.01); **C11D 1/40** (2006.01); **C11D 1/52** (2006.01); **C11D 1/62** (2006.01); **C11D 1/66** (2006.01); **C11D 1/72** (2006.01); **C11D 1/722** (2006.01)

CPC (source: EP US)
C11D 1/835 (2013.01 - EP US); **C11D 1/8355** (2013.01 - EP US); **C11D 3/48** (2013.01 - EP US); **C11D 1/40** (2013.01 - EP US); **C11D 1/528** (2013.01 - EP US); **C11D 1/62** (2013.01 - EP US); **C11D 1/662** (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US); **C11D 1/722** (2013.01 - EP US)

Citation (search report)
• [A] WO 9405753 A1 19940317 - HENKEL CORP [US]
• [DA] DE 3444958 A1 19860612 - HENKEL KGAA [DE]
• [DA] DE 3619375 A1 19871210 - HENKEL KGAA [DE]
• [A] EP 0106692 A1 19840425 - PROCTER & GAMBLE [US]
• [DA] WO 8605199 A1 19860912 - STALEY MFG CO A E [US]
• [DA] WO 8605509 A1 19860925 - STALEY MFG CO A E [US]
• [DA] DE 4007758 A1 19910919 - HENKEL KGAA [DE]

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL PT SE

DOCDB simple family (publication)
US 5856290 A 19990105; AT E215983 T1 20020415; DE 59510159 D1 20020516; EP 0783560 A1 19970716; EP 0783560 B1 20020410; EP 1018542 A1 20000712; ES 2174961 T3 20021116; JP H10506143 A 19980616; PL 181663 B1 20010831; PL 318765 A1 19970707; US 5576284 A 19961119; WO 9610069 A1 19960404

DOCDB simple family (application)
US 70018896 A 19960820; AT 95934068 T 19950918; DE 59510159 T 19950918; EP 00108422 A 19950918; EP 9503666 W 19950918; EP 95934068 A 19950918; ES 95934068 T 19950918; JP 51132596 A 19950918; PL 31876595 A 19950918; US 31235494 A 19940926