

Title (en)
NON-AQUEOUS BUILT LIQUID DETERGENT COMPOSITION

Publication
EP 0225654 B1 19890719 (EN)

Application
EP 86201867 A 19861024

Priority
GB 8527772 A 19851111

Abstract (en)
[origin: EP0225654A1] The present invention relates to a non-aqueous built liquid detergent composition on the basis of nonionic detergent surfactants and builders. By using particular nonionic detergent surfactants, which contain ethylene oxide and propylene oxide in a molar ratio of 1:17 to 2:1 (propylene oxide to ethylene oxide) instead of the known ethylene oxide condensation products, the rate of dissolution of the composition in the wash liquor is substantially improved. Furthermore, a low temperature bleach activator such as tetraacetylenediamine is substantially much more stable in compositions containing the particular nonionic detergent surfactant than in compositions on the basis of the well-known ethylene oxide type nonionic detergent surfactants.

IPC 1-7
C11D 1/722; **C11D 3/39**; **C11D 17/00**

IPC 8 full level
C11D 1/722 (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **C11D 10/02** (2006.01); **C11D 17/00** (2006.01); **C11D 17/08** (2006.01)

CPC (source: EP)
C11D 1/722 (2013.01); **C11D 3/3902** (2013.01); **C11D 3/3947** (2013.01); **C11D 17/0004** (2013.01)

Citation (examination)
EP 0120533 A2 19841003 - UNILEVER NV [NL], et al

Cited by
US5916865A; US4919834A; EP0444858A1; EP0325100A3; DE10011273A1; US4874537A; US5389284A; US5872092A; US5264147A; US5364552A; US5468418A; US5209874A; GB2196347B; WO2012146464A1; WO2023213524A1; WO2011088089A1; WO2015101454A1; WO2011120799A1; WO2012112828A1; WO2016184643A1; WO9113139A1; WO9205235A1; WO2012138423A1; WO2013113541A1; WO0123274A1; WO2011120772A1; EP2495300A1

Designated contracting state (EPC)
CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0225654 A1 19870616; **EP 0225654 B1 19890719**; AU 574590 B2 19880707; AU 6488886 A 19870514; BR 8605540 A 19870811; CA 1289434 C 19910924; DE 3664481 D1 19890824; ES 2011249 B3 19900101; GB 8527772 D0 19851218; JP S62135599 A 19870618; ZA 868525 B 19880727

DOCDB simple family (application)
EP 86201867 A 19861024; AU 6488886 A 19861106; BR 8605540 A 19861110; CA 521992 A 19861103; DE 3664481 T 19861024; ES 86201867 T 19861024; GB 8527772 A 19851111; JP 26743686 A 19861110; ZA 868525 A 19861110