

Title (en)
LIQUID HARD SURFACE DETERGENT COMPOSITIONS CONTAINING SPECIFIC CONCENTRATION OF TARTARIC ACID DETERGENT BUILDER

Title (de)
FLÜSSIGE REINIGUNGSZUSAMMENSETZUNGEN FÜR HARTE OBERFLÄCHEN, DIE SPEZIFISCHE KONZENTRATION VON WEINSÄURE- WASHMITTEL BUILDER ENTHALTEN

Title (fr)
COMPOSITIONS DETERGENTES LIQUIDES POUR SURFACES DURES CONTENANT UNE CONCENTRATION SPECIFIQUE D'UN ADJUVANT DETERGENT A BASE D'ACIDE TARTRIQUE

Publication
EP 0863975 A1 19980916 (EN)

Application
EP 96937826 A 19961031

Priority
• US 9617429 W 19961031
• US 56208195 A 19951121

Abstract (en)
[origin: WO9719158A1] Aqueous, liquid hard surface detergent compositions having improved cleaning and good filming/streaking characteristics contain tartaric acid as a detergent builder at critical levels. Preferred formulas contain anionic detergent surfactant at levels (e.g., from about 0.01 to about 1 %); hydrophobic solvent; alkaline material, especially volatile alkaline materials comprising monoethanolamine or certain beta-amino-alkanol compounds; and salt of tartaric acid as detergent builder in levels (e.g., from about 0.001 % to about 0.05 %, by weight of the composition).

IPC 1-7
C11D 3/20; C11D 17/00; C11D 1/94; C11D 3/43; C11D 1/14; C11D 1/29; C11D 1/88

IPC 8 full level
C11D 1/14 (2006.01); **C11D 1/12** (2006.01); **C11D 1/29** (2006.01); **C11D 1/88** (2006.01); **C11D 1/94** (2006.01); **C11D 3/20** (2006.01); **C11D 3/43** (2006.01); **C11D 17/00** (2006.01); **C11D 17/08** (2006.01); C11D 1/22 (2006.01); C11D 1/90 (2006.01); C11D 1/92 (2006.01)

CPC (source: EP)
C11D 1/94 (2013.01); **C11D 3/2068** (2013.01); **C11D 3/2086** (2013.01); C11D 1/143 (2013.01); C11D 1/146 (2013.01); C11D 1/22 (2013.01); C11D 1/29 (2013.01); C11D 1/90 (2013.01); C11D 1/92 (2013.01)

Citation (search report)
See references of WO 9719158A1

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

DOCDB simple family (publication)
WO 9719158 A1 19970529; AU 7528096 A 19970611; CA 2238194 A1 19970529; CN 1207762 A 19990210; CZ 140998 A3 19981216; EP 0863975 A1 19980916; JP H11500487 A 19990112; MX 9804010 A 19980930

DOCDB simple family (application)
US 9617429 W 19961031; AU 7528096 A 19961031; CA 2238194 A 19961031; CN 96199634 A 19961031; CZ 140998 A 19961031; EP 96937826 A 19961031; JP 51973297 A 19961031; MX 9804010 A 19980520