

Title (en)  
HARD-SURFACE CLEANING COMPOSITIONS

Title (de)  
REINIGUNGSMITTEL FÜR HARTE OBERFLÄCHEN

Title (fr)  
COMPOSITIONS POUR LE NETTOYAGE DE SURFACES DURES

Publication  
**EP 0876458 B2 20041208 (EN)**

Application  
**EP 95944437 A 19951229**

Priority  
• CA 2241815 A 19951229  
• CN 95198022 A 19951229  
• US 9517044 W 19951229

Abstract (en)  
[origin: WO9724425A1] Liquid hard-surfaces cleaning compositions are disclosed which provide excellent gloss to the surfaces cleaned therewith. The compositions comprise a surfactant, a carboxylate-containing polymer and a divalent counterion in a molar ratio of said polymer to said divalent counterion of from 12:1 to 1:32.

IPC 1-7  
**C11D 3/37**; **C11D 3/22**; **C11D 17/00**; **C11D 3/02**

IPC 8 full level  
**C11D 3/02** (2006.01); **C11D 3/22** (2006.01); **C11D 3/37** (2006.01); **C11D 17/00** (2006.01)

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**C11D** (2006.01)

CPC (source: EP)  
**C11D 3/046** (2013.01); **C11D 3/225** (2013.01); **C11D 3/3765** (2013.01)

Citation (opposition)  
Opponent :  
• JP H04332798 A 19921119 - KAO CORP  
• EP 0125711 A1 19841121 - UNILEVER NV [NL], et al  
• NL 7505881 A 19751125 - PROCTER & GAMBLE EUROP  
• NL 7404969 A 19741015

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

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**WO 9724425 A1 19970710**; AU 4648696 A 19970728; CA 2241815 A1 19970710; CA 2241815 C 20030527; CN 1209831 A 19990303; CZ 9802014 A3 19981111; DE 69518339 D1 20000914; DE 69518339 T2 20010329; DE 69518339 T3 20050811; EP 0876458 A1 19981111; EP 0876458 B1 20000809; EP 0876458 B2 20041208; ES 2148594 T3 20001016; ES 2148594 T5 20050701; GR 3034496 T3 20001229; HU T78046 A 19990728; IL 119847 A0 19970318; IL 119847 A 20000229; JP H11501978 A 19990216; PT 876458 E 20001229

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**US 9517044 W 19951229**; AU 4648696 A 19951229; CA 2241815 A 19951229; CN 95198022 A 19951229; CZ 201498 A 19951229; DE 69518339 T 19951229; EP 95944437 A 19951229; ES 95944437 T 19951229; GR 20000402185 T 20000928; HU 9900830 A 19951229; IL 11984796 A 19961217; JP 52428997 A 19951229; PT 95944437 T 19951229