

Title (en)
FABRIC CLEANING SHAMPOO COMPOSITIONS

Title (de)
REINIGUNGSSHAMPOOS FÜR TEXTILIEN

Title (fr)
COMPOSITIONS DE SHAMPOING POUR TEXTILES

Publication
EP 0616637 B1 19981118 (EN)

Application
EP 93924280 A 19930924

Priority
• GB 9220339 A 19920925
• US 9309088 W 19930924

Abstract (en)
[origin: WO9407980A1] An improved aqueous fabric cleaning shampoo composition contains a combination of (a) about 0.5-20% by weight of a fabric cleaning polymer which is a solid at 25 C and water dispersible or water soluble upon neutralization with an alkaline compound such as a polymer of methacrylic acid/styrene/n-butyl acrylate, (b) about 0.1-10% by weight of a specific type of wax having a melting point of at least 50 C such as pressure-emulsified polyethylene wax and (c) about 0.05-5% by weight of a silicone betaine polymer in addition to an effective amount of at least one conventional anionic, nonionic, amphoteric or zwitterionic surfactant in water at a pH of from about 7 to about 10.5. Such a fabric cleaning shampoo composition not only provides good cleaning and conditioning to fabrics, particularly synthetic fibre fabrics, such as those used in carpets as well as to upholstery and pile fabrics, but also provides soil resistance to the fabric cleaned with such a composition.

IPC 1-7
C11D 1/90; **C11D 3/37**

IPC 8 full level
D06L 1/12 (2006.01); **C11D 1/90** (2006.01); **C11D 3/00** (2006.01); **C11D 3/18** (2006.01); **C11D 3/37** (2006.01); **C11D 3/382** (2006.01); **C11D 17/08** (2006.01)

CPC (source: EP)
C11D 3/0031 (2013.01); **C11D 3/18** (2013.01); **C11D 3/3742** (2013.01); **C11D 3/3749** (2013.01); **C11D 3/3765** (2013.01); **C11D 3/3773** (2013.01)

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

DOCDB simple family (publication)
WO 9407980 A1 19940414; AT E173493 T1 19981215; AU 5402294 A 19940426; AU 661420 B2 19950720; CA 2121267 A1 19940414; CA 2121267 C 19980120; DE 69322153 D1 19981224; EP 0616637 A1 19940928; EP 0616637 A4 19960320; EP 0616637 B1 19981118; GB 9220339 D0 19921111; JP H07507094 A 19950803; NZ 257430 A 19960528

DOCDB simple family (application)
US 9309088 W 19930924; AT 93924280 T 19930924; AU 5402294 A 19930924; CA 2121267 A 19930924; DE 69322153 T 19930924; EP 93924280 A 19930924; GB 9220339 A 19920925; JP 50918593 A 19930924; NZ 25743093 A 19930924