

Title (en)  
TOPICAL PERSONAL CARE COMPOSITION CONTAINING ALKENYL OR STYRENE END-CAPPED SILICONE GRAFTED COPOLYMER

Title (de)  
TOPISCHE PFLEGEZUSAMMENSETZUNG DIE EIN SILIKONGEPFROPFTES POLYMER MIT ALKENYL ODER STYROL ENDGRUPPEN ENTHÄLT

Title (fr)  
COMPOSITION TOPIQUE POUR HYGIENE PERSONNELLE CONTENANT UN COPOLYMERE GREFFE SILICONE A COIFFE TERMINALE ALKENYLE OU STYRENE

Publication  
**EP 0822801 A1 19980211 (EN)**

Application  
**EP 96912477 A 19960327**

Priority  
• US 9604183 W 19960327  
• US 42633295 A 19950421

Abstract (en)  
[origin: WO9632918A1] Topical personal care compositions containing aqueous or hydroalcoholic carriers and silicone grafted copolymers with acid-containing monomers characterized by substantially improved or eliminated hydrolysis of the silicone portion of the copolymer are obtained by the selection of specific types of silicone macromers for incorporation into the silicone grafted copolymer. The silicone macromers are selected from the group consisting of alkenyl end-capped silicone macromers and styrene end-capped silicone macromers, and combinations thereof. The silicone macromers are ethylenically unsaturated, polymerizable monomers having a styrene or alkenyl end-capped silicone group covalently bound to the ethylenically unsaturated portion of the monomer via the styrene or alkenyl end-cap.

IPC 1-7  
**A61K 7/06; A61K 7/48**

IPC 8 full level  
**A61K 8/72** (2006.01); **A61K 8/00** (2006.01); **A61K 8/04** (2006.01); **A61K 8/34** (2006.01); **A61K 8/89** (2006.01); **A61K 8/895** (2006.01); **A61Q 5/00** (2006.01); **A61Q 5/02** (2006.01); **A61Q 5/06** (2006.01); **A61Q 5/12** (2006.01); **A61Q 7/00** (2006.01); **A61Q 17/04** (2006.01); **A61Q 19/00** (2006.01); **A61Q 19/04** (2006.01); **C08F 290/06** (2006.01); **C08L 83/10** (2006.01)

CPC (source: EP KR)  
**A61K 8/046** (2013.01 - KR); **A61K 8/895** (2013.01 - EP KR); **A61Q 5/02** (2013.01 - EP); **A61Q 5/06** (2013.01 - EP KR); **A61Q 5/12** (2013.01 - EP); **A61Q 17/04** (2013.01 - KR); **A61Q 19/00** (2013.01 - EP KR); **C08F 290/068** (2013.01 - EP); **A61Q 17/04** (2013.01 - EP); **A61Q 19/04** (2013.01 - EP)

Citation (search report)  
See references of WO 9632918A1

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 9632918 A1 19961024**; AU 5528396 A 19961107; AU 712379 B2 19991104; BR 9608253 A 19990202; CA 2218680 A1 19961024; EP 0822801 A1 19980211; JP H11503760 A 19990330; KR 19990007904 A 19990125

DOCDB simple family (application)  
**US 9604183 W 19960327**; AU 5528396 A 19960327; BR 9608253 A 19960327; CA 2218680 A 19960327; EP 96912477 A 19960327; JP 53175296 A 19960327; KR 19970707427 A 19971020