

Title (en)  
USE OF ACRYLIC COPOLYMERS IN COSMETICS AND COMPOSITIONS USED

Title (de)  
KOSMETISCHE VERWENDUNG UND PRÄPARAT VON ACRYLCOPOLYMEREN

Title (fr)  
UTILISATION EN COSMETIQUE DE COPOLYMERES ACRYLIQUES; COMPOSITIONS MISES EN OEUVRE

Publication  
**EP 0847270 A1 19980617 (FR)**

Application  
**EP 97931834 A 19970630**

Priority  
• FR 9701165 W 19970630  
• FR 9608220 A 19960702

Abstract (en)  
[origin: WO9800096A1] The invention discloses the use in and for the preparation of cosmetic and dermatological compositions of one copolymer obtainable by the copolymerisation of a mixture of monomers comprising: (a) 5 to 25 wt.% of at least one ethylenically unsaturated monomer (A) comprising at least one carboxylic acid function; (b) 3 to 30 wt.% of at least one monomer (B) of formula (I):  $H_2C=C(R_1)-COOR_2$  in which  $R_1$  represents a hydrogen atom or a methyl radical;  $R_2$  represents a linear or branched or cyclic, saturated or unsaturated or aromatic alkyl radical, having 8 to 40 carbon atoms; (c) of at least one monomer (C) selected from the group constituted by tertio-butyl methacrylate, tertio-butyl acrylate and their mixtures, in a proportion higher than 50 %, such that the polymer glass transition temperature ( $T_g$ ) is at least 15 DEG C, the weight percentages being computed with respect to the total amount of monomer used. The invention also concerns the cosmetic and dermatological compositions used.

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

IPC 8 full level  
**A61K 8/72** (2006.01); **A61K 8/00** (2006.01); **A61K 8/34** (2006.01); **A61K 8/81** (2006.01); **A61K 8/92** (2006.01); **A61K 8/97** (2006.01); **A61K 8/98** (2006.01); **A61K 47/32** (2006.01); **A61Q 1/00** (2006.01); **A61Q 1/10** (2006.01); **A61Q 3/00** (2006.01); **A61Q 3/02** (2006.01); **A61Q 5/00** (2006.01); **A61Q 5/06** (2006.01); **A61Q 19/00** (2006.01); **C08F 20/18** (2006.01); **C08F 220/16** (2006.01)

CPC (source: EP US)  
**A61K 8/8152** (2013.01 - EP US); **A61Q 19/00** (2013.01 - EP US); **A61Q 1/10** (2013.01 - EP US); **A61Q 3/00** (2013.01 - EP US); **A61Q 5/06** (2013.01 - EP US)

Citation (search report)  
See references of WO 9800096A1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**WO 9800096 A1 19980108**; EP 0847270 A1 19980617; FR 2750600 A1 19980109; FR 2750600 B1 19980911; JP H10511406 A 19981104; US 5965116 A 19991012

DOCDB simple family (application)  
**FR 9701165 W 19970630**; EP 97931834 A 19970630; FR 9608220 A 19960702; JP 50388898 A 19970630; US 2975798 A 19980417