

Title (en)

GRAFT POLYMERS AND USE THEREOF IN COSMETIC FORMULATIONS

Title (de)

PFROPFPOLYMERISATE UND IHRE VERWENDUNG IN KOSMETISCHEN FORMULIERUNGEN

Title (fr)

POLYMERES GREFFES ET LEUR UTILISATION DANS DES PREPARATIONS COSMETIQUES

Publication

EP 1606328 A1 20051221 (DE)

Application

EP 04717606 A 20040305

Priority

- EP 2004002243 W 20040305
- DE 10311616 A 20030314

Abstract (en)

[origin: DE10311616A1] Graft copolymers (GCP) obtained by radical graft polymerisation of (a) N-vinyl monomer(s) and optionally (b) other comonomers on (c) a polymeric grafting base, optionally with (d) a crosslinker, in which component (c) comprises (c1) at least one polyether-containing compound and (c2) at least one polymer containing at least 5 wt% vinylpyrrolidone units. An independent claim is also included for cosmetic preparations containing 0.01-20 wt% GCP, 20-99.99 wt% water and/or alcohol and 0-79.5 wt% other components.

IPC 1-7

C08F 283/06; **C08F 271/02**; **C08L 51/00**

IPC 8 full level

A61K 8/91 (2006.01); **A61Q 1/00** (2006.01); **A61Q 5/00** (2006.01); **A61Q 19/00** (2006.01); **C08F 271/02** (2006.01); **C08F 283/06** (2006.01); **C08L 51/00** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP US)

A61K 8/0212 (2013.01 - EP US); **A61K 8/91** (2013.01 - EP US); **A61Q 19/00** (2013.01 - EP US); **C08F 271/02** (2013.01 - EP US); **C08F 283/06** (2013.01 - EP US); **C08L 51/00** (2013.01 - EP US); **C11D 3/3788** (2013.01 - EP US); **A61K 2800/28** (2013.01 - EP US); **A61Q 1/02** (2013.01 - EP US); **A61Q 1/06** (2013.01 - EP US); **A61Q 1/10** (2013.01 - EP US); **A61Q 5/006** (2013.01 - EP US); **A61Q 5/02** (2013.01 - EP US); **A61Q 5/06** (2013.01 - EP US); **A61Q 5/12** (2013.01 - EP US); **A61Q 9/02** (2013.01 - EP US); **A61Q 11/00** (2013.01 - EP US); **A61Q 17/04** (2013.01 - EP US); **A61Q 19/001** (2013.01 - EP US); **A61Q 19/002** (2013.01 - EP US); **A61Q 19/005** (2013.01 - EP US); **A61Q 19/007** (2013.01 - EP US); **A61Q 19/10** (2013.01 - EP US)

C-Set (source: EP US)

1. **C08F 271/02** + **C08F 226/00**
2. **C08F 283/06** + **C08F 226/00**
3. **C08L 51/00** + **C08L 2666/24**

Citation (search report)

See references of WO 2004081067A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 10311616 A1 20040923; CN 1751075 A 20060322; EP 1606328 A1 20051221; JP 2006520413 A 20060907; US 2006228317 A1 20061012; WO 2004081067 A1 20040923

DOCDB simple family (application)

DE 10311616 A 20030314; CN 200480004481 A 20040305; EP 04717606 A 20040305; EP 2004002243 W 20040305; JP 2006504550 A 20040305; US 54886705 A 20050914