

Title (en)

NOVEL NANOEMULSIONS

Title (de)

NEUE NANOEMULSIONEN

Title (fr)

NOUVELLES NANOEMULSIONS

Publication

EP 1377255 A1 20040107 (EN)

Application

EP 02728600 A 20020329

Priority

- US 0209630 W 20020329
- US 28070001 P 20010330

Abstract (en)

[origin: WO02080864A1] The invention provides oil-in-water nanoemulsions comprising as a primary surfactant a ternary system comprising at least one of each of an anionic surfactant, a bridging surfactant, and a cationic surfactant, preferably in a ratio of 1:≥1:≤1, with an overall substantially neutral charge. The nanoemulsions of the invention may be translucent or transparent, and provide a substantive and water-resistant vehicle for application of cosmetic, skin care or pharmaceutical products to skin and hair.

IPC 1-7

A61K 7/00

IPC 8 full level

A61K 8/00 (2006.01); **A61K 8/02** (2006.01); **A61K 8/06** (2006.01); **A61K 8/34** (2006.01); **A61K 8/36** (2006.01); **A61K 8/362** (2006.01); **A61K 8/365** (2006.01); **A61K 8/37** (2006.01); **A61K 8/40** (2006.01); **A61K 8/41** (2006.01); **A61K 8/42** (2006.01); **A61K 8/44** (2006.01); **A61K 8/46** (2006.01); **A61K 8/49** (2006.01); **A61K 8/86** (2006.01); **A61Q 17/04** (2006.01); **A61Q 19/00** (2006.01); **C09K 23/00** (2022.01); **C09K 23/02** (2022.01); **C09K 23/14** (2022.01); **C09K 23/16** (2022.01); **C09K 23/18** (2022.01); **C09K 23/26** (2022.01); **C09K 23/28** (2022.01)

CPC (source: EP)

A61K 8/06 (2013.01); **A61K 8/062** (2013.01); **A61K 8/361** (2013.01); **A61K 8/362** (2013.01); **A61K 8/375** (2013.01); **A61K 8/40** (2013.01); **A61K 8/41** (2013.01); **A61K 8/416** (2013.01); **A61K 8/42** (2013.01); **A61K 8/44** (2013.01); **A61K 8/442** (2013.01); **A61K 8/46** (2013.01); **A61K 8/466** (2013.01); **A61K 8/86** (2013.01); **A61Q 17/04** (2013.01); **A61Q 19/00** (2013.01); **B82Y 5/00** (2013.01); **A61K 2800/21** (2013.01); **A61K 2800/413** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02080864 A1 20021017; AU 2002258644 B2 20061214; CA 2442660 A1 20021017; EP 1377255 A1 20040107; EP 1377255 A4 20081119; JP 2004532214 A 20041021; JP 4444565 B2 20100331

DOCDB simple family (application)

US 0209630 W 20020329; AU 2002258644 A 20020329; CA 2442660 A 20020329; EP 02728600 A 20020329; JP 2002578903 A 20020329