

Title (en)
COSMETIC AND DERMATOLOGICAL PREPARATIONS IN THE FORM OF O/W EMULSIONS CONTAINING STEROLS AND/OR C12-C40 FATTY ACIDS

Title (de)
KOSMETISCHE UND DERMATOLOGISCHE ZUBEREITUNGEN IN FORM VON O/W-EMULSIONEN MIT EINEM GEHALT AN STERINEN UND/ ODER C12-C40-FETTSÄUREN

Title (fr)
PREPARATIONS COSMETIQUES ET DERMATOLOGIQUES SOUS FORME D'EMULSIONS HUILE DANS EAU CONTENANT DES STEROLS ET/ OU DES ACIDES GRAS C12-C40

Publication
EP 1418884 A2 20040519 (DE)

Application
EP 02762429 A 20020806

Priority
• DE 10139580 A 20010810
• EP 0208743 W 20020806

Abstract (en)
[origin: WO03013460A2] The invention relates to cosmetic or dermatological preparations in the form of an O/W emulsion containing the following: (I) Between 1 and 5 wt %, in relation to the total weight of the preparations, of one or more substances, selected from the group of sterols and branched or unbranched, saturated or unsaturated C>12<-C>40< fatty acids. (II) Between 0.1 and 1.5 wt %, in relation to the total weight of the preparations, of one or more monoesters, sesquiesters, diesters or triesters of saturated or unsaturated, straight-chain or branched-chain fatty acids of glycerol and/or propylene glycol and/or glycol, comprising a chain length of C>14<-C>40<. (III) Between 0.1 and 1.5 wt. %, in relation to the total weight of the preparation of one or more monoesters, sesquiesters, diesters or triesters of saturated or unsaturated, straight-chain or branched-chain fatty acids of sorbitan, comprising a chain length of C>14<-C>40< and optionally with a polyethoxylation degree of 0-100. (IV) Between 0.1 and 1.5 wt. %, in relation to the total weight of the preparations, of one or more ethoxylated fatty acid esters, comprising fatty acids with a chain length of C>12<-C>40< and an ethoxylation degree of up to 100, preferably of between 5 and 100. (V) Between 0.5 and 7 wt. %, in relation to the total weight of the preparations, of one or more fatty alcohols, selected from the group of branched and unbranched, saturated and unsaturated alkyl alcohols comprising between 12 and 40 carbon atoms. According to the invention, (VI) the ratio from (II):(III):(IV) is preferably selected as a: b: c, whereby a, b and c independently of one another represent rational numbers from 1 to 5, preferably from 1 to 3, (VII) the ratio from (II)+(III)+(IV) to (V) lies preferably in the range 5:1 to 1:5, (VIII) the sum of (I), (II), (III), (IV) and (V) amounts to a maximum 25 wt. %, (IX) and the preparations preferably lie in a pH range of 3.5-8.0, preferably having pH values of 4.5-6.5.

IPC 1-7
A61K 7/48

IPC 8 full level
A61K 8/06 (2006.01); **A61K 8/34** (2006.01); **A61K 8/36** (2006.01); **A61K 8/37** (2006.01); **A61K 8/39** (2006.01); **A61K 8/49** (2006.01); **A61K 8/60** (2006.01); **A61K 8/63** (2006.01); **A61K 8/67** (2006.01); **A61K 8/68** (2006.01); **A61Q 1/00** (2006.01); **A61Q 17/04** (2006.01); **A61Q 19/00** (2006.01)

CPC (source: EP US)
A61K 8/06 (2013.01 - EP US); **A61K 8/062** (2013.01 - EP US); **A61K 8/342** (2013.01 - EP US); **A61K 8/361** (2013.01 - EP US); **A61K 8/375** (2013.01 - EP US); **A61K 8/39** (2013.01 - EP US); **A61K 8/4973** (2013.01 - EP US); **A61K 8/602** (2013.01 - EP US); **A61K 8/63** (2013.01 - EP US); **A61K 8/671** (2013.01 - EP US); **A61K 8/678** (2013.01 - EP US); **A61K 8/68** (2013.01 - EP US); **A61Q 1/00** (2013.01 - EP US); **A61Q 17/04** (2013.01 - EP US); **A61Q 19/00** (2013.01 - EP US); **A61K 2800/59** (2013.01 - EP US)

Citation (search report)
See references of WO 03013460A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03013460 A2 20030220; **WO 03013460 A3 20030717**; DE 10139580 A1 20030220; EP 1418884 A2 20040519; US 2005037036 A1 20050217

DOCDB simple family (application)
EP 0208743 W 20020806; DE 10139580 A 20010810; EP 02762429 A 20020806; US 48526304 A 20040804