

Title (en)  
USE OF COMPATIBLE SOLUTES FOR INHIBITING THE RELEASE OF CERAMIDES

Title (de)  
VERWENDUNG VON KOMPATIBLEN SOLUTEN ZUR INHIBIERUNG DER FREISETZUNG VON CERAMIDEN

Title (fr)  
UTILISATION DE SOLUTES COMPATIBLES POUR INHIBER LA LIBERATION DE CERAMIDES

Publication  
**EP 1487404 A1 20041222 (DE)**

Application  
**EP 03745259 A 20030303**

Priority  
• DE 10214257 A 20020328  
• EP 0302146 W 20030303

Abstract (en)  
[origin: WO03082239A1] The invention relates to the use of compatible solutes for inhibiting the release of ceramides or for the prophylaxis and protection of human skin from premature aging and for the prophylaxis and protection of human skin from wrinkling.

IPC 1-7  
**A61K 7/48; A61K 31/505**

IPC 8 full level  
**C07D 239/06** (2006.01); **A61K 8/00** (2006.01); **A61K 8/49** (2006.01); **A61K 31/505** (2006.01); **A61K 45/00** (2006.01); **A61P 17/00** (2006.01); **A61P 17/04** (2006.01); **A61P 17/16** (2006.01); **A61P 39/06** (2006.01); **A61P 43/00** (2006.01); **A61Q 1/00** (2006.01); **A61Q 1/04** (2006.01); **A61Q 5/02** (2006.01); **A61Q 17/04** (2006.01); **A61Q 19/00** (2006.01); **A61Q 19/08** (2006.01)

CPC (source: EP US)  
**A61K 8/4953** (2013.01 - EP US); **A61K 31/505** (2013.01 - EP US); **A61P 17/00** (2017.12 - EP); **A61P 17/04** (2017.12 - EP); **A61P 17/16** (2017.12 - EP); **A61P 39/06** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **A61Q 17/04** (2013.01 - EP US); **A61Q 19/08** (2013.01 - EP US)

Citation (search report)  
See references of WO 03082239A1

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 PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 03082239 A1 20031009**; AU 2003215621 A1 20031013; DE 10214257 A1 20031016; EP 1487404 A1 20041222; JP 2005521709 A 20050721; US 2005201955 A1 20050915; US 7981899 B2 20110719

DOCDB simple family (application)  
**EP 0302146 W 20030303**; AU 2003215621 A 20030303; DE 10214257 A 20020328; EP 03745259 A 20030303; JP 2003579777 A 20030303; US 50936804 A 20040928