

Title (en)

IMPROVED CONDITIONING HAIR TREATMENT PRODUCT WITH WASHOUT PROTECTION

Title (de)

VERBESSERT KONDITIONIERENDE HAARBEHANDLUNGSMITTEL MIT AUSWASCHSCHUTZ

Title (fr)

AGENTS DE TRAITEMENT CAPILLAIRE À EFFET CONDITIONNANT AMÉLIORÉ ET RÉSISTANTS AU LAVAGE

Publication

**EP 3518887 A1 20190807 (DE)**

Application

**EP 17749406 A 20170724**

Priority

- DE 102016219003 A 20160930
- EP 2017068603 W 20170724

Abstract (en)

[origin: WO2018059788A1] Hair treatment products comprising, in relation to its weight, 0.001 to 20 % by weight of at least one succinimidyl ester and 0.001 to 20 % by weight of at least one proteolipid of formula (II)  $R'-X-R''$ , in which  $R'$  represents a straight-chain or branched, saturated or unsaturated hydrocarbon radical having 11 to 24 carbon atoms,  $R''$  represents a protein, a peptide or a protein hydrolysate,  $X$  represents  $-C(O)O-$  or  $-N+(R_{III} \ 2)-R_{IV}-$  or  $-N(R_{III})R_{IV}-$  or  $-C(O)-N(RV)RVII$ ,  $R_{III}$  represents  $-(CH_2)_x-CH_3$  wherein  $x = 0$  to 22 and  $R_{IV}$  represents  $-CH_2-CH(OH)-CH_2-$  or  $-(CH_2)_x-$  wherein  $x = 0$  to 22;  $RV$  and  $RVII$  independently of one another represent  $-H$  or  $-(CH_2)_x-CH_3$  wherein  $x = 0$  to 22; with the proviso that  $R''$  represents keratin or a keratin hydrolysate if  $X$  represents  $-C(O)O-$ , which lead to improved structural reinforcement of keratin fibres and improved hair care, and which reduce or prevent colour washout in dyed hair.

IPC 8 full level

**A61K 8/33** (2006.01); **A61K 8/41** (2006.01); **A61K 8/44** (2006.01); **A61K 8/49** (2006.01); **A61K 8/64** (2006.01); **A61Q 5/02** (2006.01); **A61Q 5/12** (2006.01)

CPC (source: EP US)

**A61K 8/33** (2013.01 - EP); **A61K 8/34** (2013.01 - US); **A61K 8/345** (2013.01 - US); **A61K 8/416** (2013.01 - EP US); **A61K 8/44** (2013.01 - EP US); **A61K 8/4913** (2013.01 - EP US); **A61K 8/64** (2013.01 - EP); **A61K 8/65** (2013.01 - US); **A61K 8/731** (2013.01 - US); **A61K 8/737** (2013.01 - US); **A61Q 5/004** (2013.01 - EP); **A61Q 5/02** (2013.01 - EP US); **A61Q 5/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2018059788A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2018059788 A1 20180405**; DE 102016219003 A1 20180405; EP 3518887 A1 20190807; US 2020030210 A1 20200130

DOCDB simple family (application)

**EP 2017068603 W 20170724**; DE 102016219003 A 20160930; EP 17749406 A 20170724; US 201716337306 A 20170724