

## 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 3518889 A1 20190807 (DE)**

## Application

**EP 17742247 A 20170720**

## Priority

- DE 102016219004 A 20160930
- EP 2017068352 W 20170720

## Abstract (en)

[origin: WO2018059779A1] Hair treatment products comprising, in relation to its weight, 0.001 to 10 % by weight of at least one amine salt of a carboxylic acid 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  $-N+(R^{III}I_2)-RIV-$  or  $-N(R^{III}I)RIV-$  or  $-C(O)-N(RV)RVI-$ ,  $R^{III}I$  represents  $-(CH_2)_x-CH_3$  wherein  $x = 0 - 22$  and  $RIV$  represents  $-CH_2-CH(OH)-CH_2-$  or  $-(CH_2)_x-$  wherein  $x = 0 - 22$ ;  $RVI$  and  $RVI$  represent independently from each other  $-H$  or  $-(CH_2)_x-CH_3$  wherein  $x = 0 - 22$ ; 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 8/64** (2006.01); **A61K 8/33** (2006.01); **A61K 8/41** (2006.01); **A61K 8/44** (2006.01); **A61K 8/49** (2006.01); **A61Q 5/02** (2006.01); **A61Q 5/12** (2006.01)

## CPC (source: EP US)

**A61K 8/33** (2013.01 - EP 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 US); **A61K 8/731** (2013.01 - US); **A61Q 5/004** (2013.01 - EP US); **A61Q 5/02** (2013.01 - EP US); **A61Q 5/12** (2013.01 - EP US)

## Citation (search report)

See references of WO 2018059779A1

## 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

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## DOCDB simple family (application)

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