

Title (en)
PEPTIDE-BASED CONDITIONERS AND COLORANTS FOR HAIR, SKIN, AND NAILS

Title (de)
KONDITIONIERER UND FÄRBEMITTEL AUF PEPTIDBASIS FÜR HAAR, HAUT UND NÄGEL

Title (fr)
SOINS ET COLORANTS A BASE DE PEPTIDES POUR LES CHEVEUX, LA PEAU ET LES ONGLES

Publication
EP 1663118 A4 20081015 (EN)

Application
EP 04788667 A 20040908

Priority

- US 2004029514 W 20040908
- US 50149803 P 20030908
- US 56264504 P 20040415

Abstract (en)
[origin: WO2005025505A2] Peptides have been identified that bind with high affinity to hair, skin, and nails. Peptide-based hair conditioners, hair colorants, skin conditioners, skin colorants, and nail colorants based are described. The peptide-based hair conditioners and hair colorants consist of a hair-binding peptide coupled to a hair conditioning agent or a coloring agent, respectively. The peptide-based skin conditioners and skin colorants consist of a skin-binding peptide coupled to a skin conditioning agent or a colorant, respectively. The peptide-based nail colorants consist of a nail-binding peptide coupled to a coloring agent. In all these compositions, the peptide may be directly coupled to the active agent or the coupling may be via a spacer. Personal care compositions containing these peptide-based conditioners and colorants are also described.

IPC 8 full level
A61K 8/64 (2006.01); **A61K 38/08** (2006.01); **A61K 38/10** (2006.01); **A61K 38/16** (2006.01); **A61Q 3/00** (2006.01); **A61Q 3/02** (2006.01); **A61Q 5/06** (2006.01); **A61Q 5/12** (2006.01); **A61Q 19/00** (2006.01); **A61Q 19/04** (2006.01); **C07K 7/06** (2006.01); **C07K 7/08** (2006.01); **C07K 14/00** (2006.01)

CPC (source: EP)
A61K 8/64 (2013.01); **A61Q 3/00** (2013.01); **A61Q 5/065** (2013.01); **A61Q 5/12** (2013.01); **A61Q 19/00** (2013.01); **A61Q 19/04** (2013.01); **A61K 2800/57** (2013.01); **A61K 2800/94** (2013.01)

Citation (search report)

- [A] EP 0736544 A1 19961009 - UNILEVER PLC [GB]
- [A] US 6232287 B1 20010515 - RUOSLAHTI ERKKI [US], et al
- [A] US 2003152976 A1 20030814 - JANSSEN GISELLE G [US], et al
- [E] WO 2005117537 A2 20051215 - DU PONT [US], et al
- See references of WO 2005025505A2

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005025505 A2 20050324; **WO 2005025505 A3 20050609**; BR PI0406215 A 20050809; CA 2503838 A1 20050324; CA 2503838 C 20140819; CN 102138869 A 20110803; CN 102138869 B 20130501; CN 1863501 A 20061115; CN 1863501 B 20110525; EP 1663118 A2 20060607; EP 1663118 A4 20081015; EP 2374465 A1 20111012; JP 2007505132 A 20070308; JP 5180475 B2 20130410; MX PA05004820 A 20050920; NO 20051968 D0 20050422; NO 20051968 L 20050704

DOCDB simple family (application)
US 2004029514 W 20040908; BR PI0406215 A 20040908; CA 2503838 A 20040908; CN 200480001202 A 20040908; CN 201110077171 A 20040908; EP 04788667 A 20040908; EP 11150381 A 20040908; JP 2006526302 A 20040908; MX PA05004820 A 20040908; NO 20051968 A 20050422