

Title (en)  
HAIR COLORING COMPOSITIONS

Title (de)  
HAARFÄRBEMITTEL

Title (fr)  
COMPOSITIONS DE COLORATION

Publication  
**EP 0946133 A4 20010829 (EN)**

Application  
**EP 97954058 A 19971209**

Priority  
• GB 9626711 A 19961223  
• US 9722452 W 19971209

Abstract (en)  
[origin: WO9827941A1] A hair coloring composition present in a single package suitable for direct application to the hair wherein the hair coloring mixture comprises: a) an oxidising agent; and b) an oxidative hair coloring agent; and wherein the combined mixture of a) and b) has a pH in the range of from about 1 to about 5 and wherein the resultant color delivered to the hair (Delta E), after at least about 1 month of storage at room temperature, is up to about 75 %, preferably up to about 85 %, more preferably up to about 90 % and most preferably up to about 95 % of the total color delivered to the hair (Delta E) from a mixture of a) and b) on application. The products are storage stable, re-usable and can provide both excellent hair coloring and in-use efficacy benefits as well as improved color development potential after storage at room temperature.

IPC 1-7  
**A61K 7/13**

IPC 8 full level  
**A61K 8/00** (2006.01); **A61K 8/22** (2006.01); **A61K 8/33** (2006.01); **A61K 8/34** (2006.01); **A61K 8/36** (2006.01); **A61K 8/362** (2006.01); **A61K 8/365** (2006.01); **A61K 8/368** (2006.01); **A61K 8/38** (2006.01); **A61K 8/41** (2006.01); **A61K 8/44** (2006.01); **A61Q 5/10** (2006.01); **D06P 3/08** (2006.01)

IPC 8 main group level  
**A61K** (2006.01); **C09B** (2006.01); **D06P** (2006.01)

CPC (source: EP)  
**A61K 8/22** (2013.01); **A61K 8/347** (2013.01); **A61K 8/411** (2013.01); **A61K 8/415** (2013.01); **A61Q 5/10** (2013.01)

Citation (search report)  
• [A] EP 0733356 A1 19960925 - OREAL [FR]  
• [A] US 4496473 A 19850129 - SANDERSON WILLIAM R [GB]  
• [A] US 3893803 A 19750708 - KAISER EMIL THOMAS  
• [A] US 3957424 A 19760518 - ZEFFREN EUGENE, et al  
• See references of WO 9827941A1

Cited by  
WO2021116306A1; WO2020058305A1; WO2022129371A1; WO2021023645A1; WO2019145416A1; US11484480B2; WO2021018947A1; WO2021254931A1; WO2020127749A1; WO2020127743A1; WO2021023647A1; WO2022129351A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)  
**WO 9827941 A1 19980702**; AR 013897 A1 20010131; AU 5793298 A 19980717; BR 9714077 A 20000509; CA 2274948 A1 19980702; CN 1246049 A 20000301; CO 5070637 A1 20010828; EP 0946133 A1 19991006; EP 0946133 A4 20010829; GB 9626711 D0 19970212; IL 130386 A0 20000601; JP 2000514828 A 20001107; NO 993055 D0 19990621; NO 993055 L 19990812; PE 30199 A1 19990410; PL 334244 A1 20000214; SK 84199 A3 20000516; ZA 9711531 B 19980714

DOCDB simple family (application)  
**US 9722452 W 19971209**; AR P970106127 A 19971223; AU 5793298 A 19971209; BR 9714077 A 19971209; CA 2274948 A 19971209; CN 97181753 A 19971209; CO 97073048 A 19971215; EP 97954058 A 19971209; GB 9626711 A 19961223; IL 13038697 A 19971209; JP 52879598 A 19971209; NO 993055 A 19990621; PE 00114097 A 19971219; PL 33424497 A 19971209; SK 84199 A 19971209; ZA 9711531 A 19971222