

Title (en)  
PACKAGED HAIR COLOURING COMPOSITION

Title (de)  
VERPACKTES HAAREFÄRBEMITTEL

Title (fr)  
COMPOSITION DE TEINTURE DE CHEVEUX EN EMBALLAGE

Publication  
**EP 1067900 A1 20010117 (EN)**

Application  
**EP 99916311 A 19990401**

Priority  

- US 9907285 W 19990401
- US 9806582 W 19980402

Abstract (en)  
[origin: WO9951195A1] Packaged hair colouring composition comprising a stable aqueous hair colouring composition comprising a compound of formula (I), wherein D is a chromophore; X and Y are independently selected from halogen and -SR', provided that at least one of X and Y is -SR', wherein R' is selected from H, C1-C4 alkyl, (CH<sub>2</sub>)<sub>n</sub>COOH, (CH<sub>2</sub>)<sub>n</sub>CONH<sub>2</sub>, (CH<sub>2</sub>)<sub>n</sub>SO<sub>3</sub>H, (CH<sub>2</sub>)<sub>n</sub>COOM, (CH<sub>2</sub>)<sub>n</sub>PO<sub>3</sub>H, (CH<sub>2</sub>)<sub>n</sub>OH, (CH<sub>2</sub>)<sub>n</sub>SSO<sub>3</sub><->, (CH<sub>2</sub>)<sub>n</sub>NR''<sub>2</sub>, (CH<sub>2</sub>)<sub>n</sub>N<+>R''<sub>3</sub>, PhSSO<sub>3</sub><->, PhSO<sub>3</sub>H, PhPO<sub>3</sub>H, PhNR''<sub>2</sub>, PhN<+>R''<sub>3</sub>, -CN, SO<sub>3</sub><->, (CH<sub>2</sub>)<sub>2</sub>CH(SH)R''(CH<sub>2</sub>)<sub>3</sub>COOH, -CH<sub>2</sub>CHOHCH<sub>2</sub>SH, and formulas (II), (III), (IV), (V), (VI), (VII), (VIII), (IX), (X), (XI), (XII), (XIII), -CH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>; n is an integer in the range of 1 to 4 wherein within the same molecule n is not necessarily the same integer; and M is a cation of alkaline earth metal, alkali metal, NH<sub>4</sub><+> or NR''<sub>3</sub><+>; L is a linking moiety; Z is selected from pyrimidine or triazine; R'' is C1-C4 alkyl; and a package for said hair colouring composition. The packaged hair colouring compositions of the present invention provide improved wash fastness of dye on hair, less colour fade over time, improved consumer acceptance in terms of providing a single packaged hair dye composition and improved product stability.

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

IPC 8 full level  
**A61K 8/00** (2006.01); **A61K 8/49** (2006.01); **A61Q 5/06** (2006.01); **A61Q 5/10** (2006.01)

CPC (source: EP)  
**A61K 8/4953** (2013.01); **A61K 8/4966** (2013.01); **A61Q 5/065** (2013.01); **A61K 2800/57** (2013.01)

Citation (search report)  
See references of WO 9951195A1

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

DOCDB simple family (publication)  
**WO 9951195 A1 19991014**; AU 3465999 A 19991025; AU 6948398 A 19991025; BR 9909364 A 20010116; CN 1200681 C 20050511;  
CN 1303265 A 20010711; EP 1067900 A1 20010117; JP 2004500310 A 20040108; WO 9951194 A1 19991014

DOCDB simple family (application)  
**US 9907285 W 19990401**; AU 3465999 A 19990401; AU 6948398 A 19980402; BR 9909364 A 19990401; CN 99806878 A 19990401;  
EP 99916311 A 19990401; JP 2000541967 A 19990401; US 9806582 W 19980402