

Title (en)

1-BENZOPYRANE-DERIVATIVES AND COLOURING AGENTS CONTAINING THE SALTS THEREOF

Title (de)

1-BENZOPYRAN-DERIVATE UND DEREN SALZE ENTHALTENDE FÄRBEMITTEL

Title (fr)

AGENTS DE COLORATION CONTENANT DES DERIVES DE 1-BENZOPYRANE ET DES SELS DE CES DERNIERS

Publication

EP 1404289 A1 20040407 (DE)

Application

EP 02714147 A 20020206

Priority

- DE 10130144 A 20010622
- EP 0201194 W 20020206

Abstract (en)

[origin: DE10130144A1] The invention relates to an agent for colouring fibres, said agent being obtained by mixing two components if necessary, by adding an alkalisation agent or an acid. Said agent is characterised in that one of the components (component A2) contains at least one electrophilic compound and the other component (component A1) contains at least one 1-benzopyrane of formula (Ia)/(Ib) or one 1-benzopyrylium-derivative of formula (I). The invention also relates to a method for the temporary colouration of keratin fibres, whereby hair is initially coloured with the above-mentioned known colouring agent and then discoloured by a reducing agent at any later given moment.

IPC 1-7

A61K 7/13

IPC 8 full level

A61K 8/00 (2006.01); **A61K 8/23** (2006.01); **A61K 8/33** (2006.01); **A61K 8/35** (2006.01); **A61K 8/40** (2006.01); **A61K 8/41** (2006.01);
A61K 8/43 (2006.01); **A61K 8/49** (2006.01); **A61K 8/66** (2006.01); **A61Q 5/10** (2006.01)

CPC (source: EP US)

A61K 8/347 (2013.01 - EP US); **A61K 8/4926** (2013.01 - EP US); **A61K 8/69** (2013.01 - EP US); **A61Q 5/10** (2013.01 - EP US);
A61K 2800/88 (2013.01 - EP US)

Citation (search report)

See references of WO 03000214A1

Citation (examination)

DE 935604 C 19551124 - BAYER AG

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

DE 10130144 A1 20030102; BR 0205662 A 20030715; EP 1404289 A1 20040407; JP 2004521144 A 20040715; US 2003196281 A1 20031023;
WO 03000214 A1 20030103

DOCDB simple family (application)

DE 10130144 A 20010622; BR 0205662 A 20020206; EP 0201194 W 20020206; EP 02714147 A 20020206; JP 2003506861 A 20020206;
US 38089603 A 20030320