

Title (en)

NEW DIAMINOALKANE AND OXIDATION DYEING AGENT

Title (de)

NEUE DIAMINOALKANE UND OXIDATIONSFÄRBEMITTEL

Title (fr)

NOUVEAUX DIAMINO-ALCANES ET TEINTURES D'OXYDATION

Publication

EP 0970041 A1 20000112 (DE)

Application

EP 97931739 A 19970702

Priority

- DE 19626740 A 19960703
- DE 19626743 A 19960703
- EP 9703466 W 19970702

Abstract (en)

[origin: DE19728334A1] N,N'-bis-(Diaminophenyl)-diaminoalkanes of formula (I) and their salts with (in)organic acids are new. R1 - R10 = H, 1-4C alkyl, 2-3C hydroxyalkyl, (1-4C) alkoxy-(2-3C) alkyl, 2-3C aminoalkyl or 2,3-dihydroxypropyl; n = 1-6; provided that the -NR1R2 and -NR7R8 groups are in the 4 and 4' or 5 and 5' positions.

IPC 1-7

C07C 211/53; A61K 7/13

IPC 8 full level

A61K 8/00 (2006.01); **A61K 8/41** (2006.01); **A61Q 5/02** (2006.01); **A61Q 5/10** (2006.01); **C07C 211/51** (2006.01); **C07C 211/53** (2006.01); **C07C 215/16** (2006.01); **C07C 217/08** (2006.01); **D06P 1/32** (2006.01)

CPC (source: EP US)

A61K 8/411 (2013.01 - EP US); **A61Q 5/10** (2013.01 - EP US); **C07C 211/51** (2013.01 - EP US); **D06P 1/32** (2013.01 - EP US)

Citation (search report)

See references of WO 9801418A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IT LI NL PT SE

DOCDB simple family (publication)

DE 19728334 A1 19980108; EP 0970041 A1 20000112; JP 2000514071 A 20001024; US 6024768 A 20000215; WO 9801418 A1 19980115

DOCDB simple family (application)

DE 19728334 A 19970703; EP 9703466 W 19970702; EP 97931739 A 19970702; JP 50474498 A 19970702; US 21421898 A 19981230