

Title (en)
BRIDGED P-PHENYLENEDIAMINES

Title (de)
VERBRÜCKTE P-PHENYLENDIAMINE

Title (fr)
P-PHENYLENDIAMINES PONTEES

Publication
EP 1423355 A1 20040602 (DE)

Application
EP 02798707 A 20020904

Priority
• DE 10144226 A 20010907
• EP 0209875 W 20020904

Abstract (en)
[origin: WO03024917A1] The present invention relates to novel bridged p-phenylenediamines, the use thereof as developer components in oxidation dyes as well as novel oxidation dyes, which contain the aforementioned bridged p-phenylenediamines. Said invention also relates to a method for producing said bridged p-phenylenediamines. Within the frame of said invention, it was discovered that polyoxyalkyl-bridged p-phenylenediamines of formula (I) are extremely well-suited for use as developer components in oxidation dyes.

IPC 1-7
C07C 217/76; A61K 7/13

IPC 8 full level
A61K 8/00 (2006.01); **A61K 8/41** (2006.01); **A61Q 5/10** (2006.01); **C07C 217/08** (2006.01); **C09B 67/42** (2006.01); **D06P 3/08** (2006.01)

CPC (source: EP US)
A61K 8/411 (2013.01 - EP US); **A61Q 5/10** (2013.01 - EP US); **C07C 217/08** (2013.01 - EP US)

Citation (search report)
See references of WO 03024917A1

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

DOCDB simple family (publication)
WO 03024917 A1 20030327; DE 10144226 A1 20030327; EP 1423355 A1 20040602; JP 2005503409 A 20050203;
US 2004199018 A1 20041007

DOCDB simple family (application)
EP 0209875 W 20020904; DE 10144226 A 20010907; EP 02798707 A 20020904; JP 2003528765 A 20020904; US 79299104 A 20040304