

Title (en)
METHOD FOR PRODUCING DISAZO PIGMENTS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON DISAZOPIGMENTEN

Title (fr)
PROCEDE POUR PRODUIRE DES PIGMENTS DISAZOIQUES

Publication
EP 1517962 A1 20050330 (DE)

Application
EP 03735467 A 20030527

Priority
• DE 10227527 A 20020620
• EP 0305520 W 20030527

Abstract (en)
[origin: WO2004000947A1] The invention relates to a method for the production of disazo pigments of general formula (I) or a mixture of said disazo pigments by means of azocoupling, wherein R<1> and R<2> are the same or different and represent hydrogen Cl-C4-alkyl, Cl-C4 alkoxy, Cl-C5-alkoxycarbonyl, nitro, cyano, halogen, phenoxy or trifluoromethyl; D<1> and D<2> are the same or different and represent an aromatic heterocycle from the group of benzimidazole, benzimidazolone, benzimidazolthione, benzoxazole, benzoxazolone, benzothiazolone, indazole, phthalimide, naphthalimide, benzotriazole, chinoline, benzodiazines, phenmorpholine, phenmorpholinone, benzo[c,d]indolone, benzimidazo[1,2-a]pyrimidone, carbazole and indole. The invention is characterised in that the coupling product resulting from the azocoupling is subjected to a finish in an organic solvent with an alkaline pH value or in an aqueous organic solvent with a neutral or alkaline pH value.

IPC 1-7
C09B 33/153

IPC 8 full level
C09B 67/20 (2006.01); **C09B 33/153** (2006.01); **C09B 67/10** (2006.01); **C09D 17/00** (2006.01)

CPC (source: EP US)
C09B 33/153 (2013.01 - EP US); **C09B 67/0015** (2013.01 - EP US)

Citation (search report)
See references of WO 2004000947A1

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

DOCDB simple family (publication)
DE 10227527 A1 20040108; CN 1305971 C 20070321; CN 1662610 A 20050831; EP 1517962 A1 20050330; JP 2005535738 A 20051124; US 2006167236 A1 20060727; US 7262284 B2 20070828; WO 2004000947 A1 20031231

DOCDB simple family (application)
DE 10227527 A 20020620; CN 03814158 A 20030527; EP 0305520 W 20030527; EP 03735467 A 20030527; JP 2004514648 A 20030527; US 51921804 A 20041217