

Title (en)

MEDIATOR SYSTEMS BASED ON MIXED METAL COMPLEXES, USED FOR REDUCING DYES

Title (de)

MEDIATORSYSTEME AUF BASIS GEMISCHTER METALLKOMPLEXE ZUR REDUKTION VON FARBSTOFFEN

Title (fr)

SYSTEMES MEDIEURS A BASE DE COMPLEXES METALLIQUES MELANGES, POUR LA REDUCTION DE COLORANTS

Publication

EP 1266070 A1 20021218 (DE)

Application

EP 01911710 A 20010301

Priority

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- EP 0102308 W 20010301

Abstract (en)

[origin: US2003121112A1] Mediator systems obtainable by mixing one or more salts of a metal capable of forming a plurality of valence states with at least one amino-containing complexing agent (K1) and at least one hydroxyl-containing but amino-devoid complexing agent (K2) in an alkaline aqueous medium, wherefor the complexing agents may be present as salts and the molar ratio of K1 to metal ion is from 0.1:1 to 10:1 and the molar ratio of K2 to metal ion is from 0.1:1 to 5:1 are useful for dyeing cellulosic textile material.

IPC 1-7

D06P 1/22; **D06P 1/30**

IPC 8 full level

D06P 1/22 (2006.01); **D06P 1/30** (2006.01); **D06P 1/645** (2006.01); **D06P 1/651** (2006.01); **D06P 1/673** (2006.01); **D06P 3/60** (2006.01); **D06P 5/20** (2006.01)

CPC (source: EP KR US)

D06P 1/221 (2013.01 - EP KR US); **D06P 1/228** (2013.01 - EP KR US); **D06P 1/30** (2013.01 - EP KR US); **D06P 1/645** (2013.01 - EP KR US); **D06P 1/65118** (2013.01 - EP KR US); **D06P 1/67341** (2013.01 - EP KR US); **D06P 1/6735** (2013.01 - EP KR US); **D06P 5/2016** (2013.01 - EP KR US); **Y10S 8/918** (2013.01 - US)

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US 2003121112 A1 20030703; **US 6814763 B2 20041109**; AT E416270 T1 20081215; BR 0108831 A 20021210; CN 1289748 C 20061213; CN 1406299 A 20030326; DE 10010059 A1 20010906; DE 50114544 D1 20090115; EP 1266070 A1 20021218; EP 1266070 B1 20081203; ES 2317891 T3 20090501; HK 1053157 A1 20031010; HK 1053157 B 20070629; JP 2003525363 A 20030826; KR 100683310 B1 20070215; KR 20020086596 A 20021118; MX PA02008539 A 20021213; WO 0165000 A1 20010907

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