

Title (en)

Process for dyeing and printing with reactive dyes.

Title (de)

Färbe- und Druckverfahren mit Reaktivfarbstoffen.

Title (fr)

Procédé de teinture et d'impression avec des colorants réactifs.

Publication

**EP 0044463 A1 19820127 (DE)**

Application

**EP 81105277 A 19810708**

Priority

DE 3027077 A 19800717

Abstract (en)

[origin: US4391607A] The present invention relates to a new process for dyeing or printing fibre materials with reactive dyestuffs which split off fluoride ions, which is characterized in that neutral or acid dyebaths or printing pastes which contain, in addition to the reactive dyestuff and customary auxiliaries and solvents, one or more organic and/or inorganic calcium compounds are employed.

Abstract (de)

Verfahren zum Färben oder Bedrucken von Fasermaterialien mit Fluoridionen abspaltenden Reaktivfarbstoffen, wobei man neutral oder sauer reagierende Färbebäder bzw. Druckpasten einsetzt, welche neben dem Reaktivfarbstoff und üblichen Hilfsstoffen und Lösungsmitteln eine oder mehrere organische und/oder anorganische Calciumverbindungen enthalten.

IPC 1-7

**D06P 1/38**; **D06P 1/673**; **D06P 1/653**

IPC 8 full level

**D06P 1/16** (2006.01); **D06P 1/38** (2006.01); **D06P 1/48** (2006.01); **D06P 1/62** (2006.01); **D06P 1/653** (2006.01); **D06P 1/667** (2006.01); **D06P 1/673** (2006.01); **D06P 3/66** (2006.01)

CPC (source: EP US)

**D06P 1/38** (2013.01 - EP US); **D06P 1/48** (2013.01 - EP US); **D06P 1/622** (2013.01 - EP US); **D06P 1/6533** (2013.01 - EP US); **D06P 1/667** (2013.01 - EP US); **D06P 1/6735** (2013.01 - EP US); **D06P 3/66** (2013.01 - EP US)

Citation (search report)

- [X] DE 2238552 A1 19730215 - NIPPON KAYAKU KK
- [A] CH 425713 A 19670615 - SANDOZ AG [CH]
- [A] GB 875364 A 19610816 - ICI LTD
- [A] FR 1328120 A 19630524 - SANDOZ SA
- [A] GB 2015585 A 19790912 - BAYER AG
- [A] Derwent Japanese Patents Report, Band 8, Nr. 35, 1969, Sektion 2, Seite 6 & JP-B-44 020 515 (Asahi Chem. Ind.) \* Zusammenfassung \*

Cited by

AT406782B; EP0610156A1; US5403360A; EP0177449A1; AT533U1

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 0044463 A1 19820127**; DE 3027077 A1 19820218; JP S5747979 A 19820319; US 4391607 A 19830705

DOCDB simple family (application)

**EP 81105277 A 19810708**; DE 3027077 A 19800717; JP 10953681 A 19810715; US 27686381 A 19810624