

Title (en)

PROCESS FOR PREPARATIVE AND REACTIVE DYEING OF CELLULOSE MATERIAL

Title (de)

VERFAHREN ZUR VORBEHANDLUNG UND ZUM REAKTIVFÄRBen VON CELLULOSEWARE

Title (fr)

PROCEDE DE TRAITEMENT PREALABLE DE COLORATION REACTIVE DE MATIERES CELLULOSIQUES

Publication

EP 1112403 A1 20010704 (DE)

Application

EP 99955683 A 19990909

Priority

- DE 9902903 W 19990909
- DE 19843046 A 19980919
- DE 19843047 A 19980919

Abstract (en)

[origin: US6582478B1] The invention relates to a process for preparative and reactive dyeing of cellulose material. In order to shorten the process time of conventional preparing agents and continuous operation, to make superfluous neutralizing agents for removing excess peroxy compounds as well as to reduce the mechanical equipment required vis-à-vis prior art and to reduce the use of chemical agents, the cellulose material soaked with the treatment liquor is continuously dried with pulsated air at approximately the same disintegration rate as the peroxy compounds thus used. Alkali remaining in the material from pretreatment which remained in the material is used for dyefixing said material.

IPC 1-7

D06B 17/00; **D06L 1/14**; **D06L 3/02**; **D06P 3/66**; **D06P 5/00**

IPC 8 full level

D06B 17/00 (2006.01); **D06L 1/14** (2006.01); **D06L 3/02** (2006.01); **D06L 4/10** (2017.01); **D06L 4/50** (2017.01); **D06P 1/38** (2006.01); **D06P 3/66** (2006.01); **D06P 5/00** (2006.01)

CPC (source: EP US)

D06L 1/14 (2013.01 - EP US); **D06L 4/10** (2016.12 - EP US); **D06P 3/66** (2013.01 - EP US); **D06P 5/002** (2013.01 - EP US); **Y10S 8/931** (2013.01 - US)

Citation (search report)

See references of WO 0017437A1

Cited by

CN106521923A; WO2020254202A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

US 6582478 B1 20030624; AT E314516 T1 20060115; DE 19942963 A1 20000323; DE 59912990 D1 20060202; EP 1112403 A1 20010704; EP 1112403 B1 20051228; WO 0017437 A1 20000330

DOCDB simple family (application)

US 78756301 A 20010319; AT 99955683 T 19990909; DE 19942963 A 19990909; DE 59912990 T 19990909; DE 9902903 W 19990909; EP 99955683 A 19990909