

Title (en)
PROCESS FOR PROCESSING A CELLULOSE FIBER LAP

Title (de)
VERFAHREN ZUR BEHANDLUNG EINES ZELLFASERVlieses

Title (fr)
PROCEDE DE TRAITEMENT D'UNE NAPPE DE FIBRES CELLULOSIQUES

Publication
EP 0805888 B1 19990317 (FR)

Application
EP 96903044 A 19960202

Priority

- FR 9600181 W 19960202
- FR 9501280 A 19950203

Abstract (en)
[origin: US5771517A] PCT No. PCT/FR96/00181 Sec. 371 Date Sep. 2, 1997 Sec. 102(e) Date Sep. 2, 1997 PCT Filed Feb. 2, 1996 PCT Pub. No. WO96/23922 PCT Pub. Date Aug. 8, 1996A process for treating natural cellulose fibers, in particular cotton fibers, comprising the stages of depositing the fibers on a continuously moving wire to form a lap evincing a specific surface weight of 100 to 800 g/m², impregnation with a treating solution, treatment, and rinsing using an aqueous liquid, characterized in that rinsing is carried out by applying the liquid in the form of jets directed at one side of the lap perpendicularly to its direction of advance at an energy between 2 and 60 kwh/ton of treated product. The rinsing station (100) comprises at least one needle injector (105, 115) situated across the lap and applying highly pressurized water jets to its surface. The liquid is sucked in through a transverse slot communicating with a suction box (110, 125).

IPC 1-7
D06B 5/04; **D06B 1/02**

IPC 8 full level
D06B 1/02 (2006.01); **D06B 5/08** (2006.01)

CPC (source: EP US)
D04H 1/02 (2013.01 - EP US); **D04H 1/04** (2013.01 - EP US); **D04H 1/425** (2013.01 - EP US); **D04H 1/492** (2013.01 - EP US); **D04H 1/498** (2013.01 - EP US); **D06B 1/02** (2013.01 - EP US); **D06B 5/08** (2013.01 - EP US)

Cited by
WO2013014259A1; CN115976766A; FR2882068A1; EA012826B1; WO2010092261A2; WO2006084991A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IE IT LI NL

DOCDB simple family (publication)
US 5771517 A 19980630; AT E177796 T1 19990415; CA 2212137 A1 19960808; CA 2212137 C 20060530; DE 69601782 D1 19990422; DE 69601782 T2 19990729; EP 0805888 A1 19971112; EP 0805888 B1 19990317; ES 2128833 T3 19990516; FR 2730248 A1 19960809; FR 2730248 B1 19970321; GR 3030204 T3 19990831; WO 9623922 A1 19960808

DOCDB simple family (application)
US 87559697 A 19970902; AT 96903044 T 19960202; CA 2212137 A 19960202; DE 69601782 T 19960202; EP 96903044 A 19960202; ES 96903044 T 19960202; FR 9501280 A 19950203; FR 9600181 W 19960202; GR 990401289 T 19990513