

Title (en)

PROCESS FOR FABRICATING A PATTERN-FREE NON WOVEN TEXTILE LAP BY PRESSURE WATER JETS, AND PLANT FOR IMPLEMENTING SUCH PROCESS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER MUSTERFREIEN VLIESTOFFBAHN UNTER VERWENDUNG VON HOCHDRUCKWASSERSTRAHLUNG UND VORRICHTUNG DAFÜR

Title (fr)

PROCEDE POUR LA FABRICATION D'UNE NAPPE TEXTILE NON TISSEE SANS MOTIF PAR JETS D'EAU SOUS PRESSION, ET INSTALLATION POUR LA MISE EN UVRE DE CE PROCEDE

Publication

EP 0776391 A1 19970604 (FR)

Application

EP 96914262 A 19960430

Priority

- FR 9600654 W 19960430
- FR 9506079 A 19950517

Abstract (en)

[origin: US5768756A] PCT No. PCT/FR96/00654 Sec. 371 Date Dec. 24, 1996 Sec. 102(e) Date Dec. 24, 1996 PCT Filed Apr. 30, 1996 PCT Pub. No. WO96/36756 PCT Pub. Date Nov. 21, 1996A process for the manufacture of non-woven unpatterned cloth in which a fibrous base cloth made from elementary fibers is conveyed onto a rotating perforated drum having a plurality of micro-holes. The micro holes are distributed in a randomized manner over the drum surface allowing a plurality of pressurized water jets to effectively act upon the base cloth taken up by the drum with increased pressure and without the effects of shadow marking on the processed cloth.

IPC 1-7

D04H 1/46

IPC 8 full level

D04H 18/04 (2012.01)

CPC (source: EP US)

D04H 18/04 (2013.01 - EP US)

Cited by

EP1884582A1; EP2853629A3; US6436512B1; EP2853629A2; DE102013110744A1; EP1885927B2

Designated contracting state (EPC)

AT BE CH DE DK ES GB IT LI NL PT SE

DOCDB simple family (publication)

US 5768756 A 19980623; AT E162238 T1 19980115; CN 1077165 C 20020102; CN 1154148 A 19970709; DE 69600146 D1 19980219; DE 69600146 T2 19980423; EP 0776391 A1 19970604; EP 0776391 B1 19980114; ES 2112080 T3 19980316; FR 2734285 A1 19961122; FR 2734285 B1 19970613; IL 118266 A0 19960912; IL 118266 A 19990714; JP 3677049 B2 20050727; JP H10503248 A 19980324; KR 100387448 B1 20030926; WO 9636756 A1 19961121

DOCDB simple family (application)

US 76531996 A 19961224; AT 96914262 T 19960430; CN 96190519 A 19960430; DE 69600146 T 19960430; EP 96914262 A 19960430; ES 96914262 T 19960430; FR 9506079 A 19950517; FR 9600654 W 19960430; IL 11826696 A 19960515; JP 53459496 A 19960430; KR 19960707621 A 19961228