

Title (en)

METHOD FOR MAKING AN ABSORBENT STRUCTURE

Title (de)

VERFAHREN ZUM HERSTELLEN VON ABSORBIERENDEN STRUCTUREN

Title (fr)

PROCEDE DE FABRICATION D'UNE STRUCTURE ABSORBANTE

Publication

**EP 0828602 B1 20000412 (FR)**

Application

**EP 97919437 A 19970327**

Priority

- FR 9700562 W 19970327
- FR 9603779 A 19960327

Abstract (en)

[origin: US6306482B1] The invention relates to a manufacturing method for an absorbent structure (10) having at least two plies (P1, P2) each constituted of at least one embossed sheet of creped absorbent paper, wherein the plies (P1, P2) engage between two engraved metal cylinders (CG1, CG2) fitted with protrusions (R1, R2), driven in synchronized rotation, and mutually nesting with a play (J) between the tops of the protrusions (R1, R2) of one metal cylinder (CG1, CG2) and the opposite trough surface (F2, F1) of the engraving of the other cylinder (CG2, CG1), the method being characterized in that the play (J) is less than the depth of the cylinder engravings and larger than the sum of the thicknesses (E1, E2) of the plies (P1, P2) which were previously shaped in such a matching manner that the plies (P1, P2) are not compressed when being engaged between the nested engraved cylinders (CG1, CG2).

IPC 1-7

**B31F 1/07**

IPC 8 full level

**B31F 1/07** (2006.01)

CPC (source: EP US)

**B31F 1/07** (2013.01 - EP US); **B31F 2201/0738** (2013.01 - EP US); **B31F 2201/0743** (2013.01 - EP US); **B31F 2201/0758** (2013.01 - EP US); **B31F 2201/0764** (2013.01 - EP US); **B31F 2201/0774** (2013.01 - EP US); **Y10T 156/1023** (2015.01 - EP US); **Y10T 156/1025** (2015.01 - EP US); **Y10T 428/24463** (2015.01 - EP US); **Y10T 428/24562** (2015.01 - EP US); **Y10T 428/24612** (2015.01 - EP US); **Y10T 428/24669** (2015.01 - EP US); **Y10T 428/24826** (2015.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 9735712 A1 19971002**; AT E191677 T1 20000415; DE 69701661 D1 20000518; DE 69701661 T2 20000831; DK 0828602 T3 20000717; EP 0828602 A1 19980318; EP 0828602 B1 20000412; ES 2145599 T3 20000701; FR 2746702 A1 19971003; FR 2746702 B1 19980529; GR 3033905 T3 20001130; PT 828602 E 20000929; TR 199701442 T1 19980622; US 6306482 B1 20011023

DOCDB simple family (application)

**FR 9700562 W 19970327**; AT 97919437 T 19970327; DE 69701661 T 19970327; DK 97919437 T 19970327; EP 97919437 A 19970327; ES 97919437 T 19970327; FR 9603779 A 19960327; GR 20000401590 T 20000705; PT 97919437 T 19970327; TR 9701442 T 19970327; US 95273097 A 19971211