

Title (en)

DEVICE FOR THE PRODUCTION OF A PRODUCT MADE FROM TISSUE OR TISSUE-LIKE MATERIAL WITH AT LEAST TWO PLIES

Title (de)

VORRICHTUNG ZUR HERSTELLUNG VON MINDESTENS ZWEILAGIGEN PRODUKTEN AUS TISSUE- UND/ODER TISSUEÄHNLICHEM MATERIAL

Title (fr)

DISPOSITIF DE FABRICATION DE PRODUITS EN MATIERE PAPIER MENAGER ET/OU DE TYPE PAPIER MENAGER PRESENTANT AU MOINS DEUX COUCHES

Publication

**EP 1368184 B1 20040811 (DE)**

Application

**EP 02710785 A 20020109**

Priority

- DE 10110873 A 20010307
- EP 0200139 W 20020109

Abstract (en)

[origin: WO02070243A1] A device is disclosed with the object of providing a device for the production of products made from tissue and/or tissue-like materials with at least two plies, which have adequate adhesion between the individual layers of the two and more ply products. Said device comprises an embossing unit with at least two rollers, one roller being a plain roller (2) and the other an embossing roller (3). Said embossing roller (3) comprises a shaft and at least two segments arranged thereon with embossing elements (5). Said embossing roller is subjected to pressure by means of a bearing unit (7) arranged on the shaft.

IPC 1-7

**B31F 1/07**

IPC 8 full level

**B31F 1/07** (2006.01)

CPC (source: EP)

**B31F 1/07** (2013.01); **B31F 2201/0723** (2013.01); **B31F 2201/0728** (2013.01); **B31F 2201/0733** (2013.01); **B31F 2201/0753** (2013.01); **B31F 2201/0761** (2013.01); **B31F 2201/0789** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 02070243 A1 20020912**; AT E273123 T1 20040815; DE 10110873 A1 20020919; DE 50200817 D1 20040916; DK 1368184 T3 20041220; EE 04958 B1 20080215; EE 200300418 A 20031215; EP 1368184 A1 20031210; EP 1368184 B1 20040811; HU 225174 B1 20060728; HU P0303473 A2 20040128; HU P0303473 A3 20040728; NO 20033861 D0 20030901; NO 20033861 L 20030901; PL 363299 A1 20041115; RU 2244628 C1 20050120; SK 11092003 A3 20050304; SK 286354 B6 20080805

DOCDB simple family (application)

**EP 0200139 W 20020109**; AT 02710785 T 20020109; DE 10110873 A 20010307; DE 50200817 T 20020109; DK 02710785 T 20020109; EE P200300418 A 20020109; EP 02710785 A 20020109; HU P0303473 A 20020109; NO 20033861 A 20030901; PL 36329902 A 20020109; RU 2003129653 A 20020109; SK 11092003 A 20020109