

Title (en)

METHOD AND DEVICE FOR WETTING WOOD FIBERS WITH A BINDER FLUID

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BENETZEN VON HOLZFASERN MIT EINEM BINDEMITEFLUID

Title (fr)

PROCEDE ET DISPOSITIF POUR MOUILLER DES FIBRES DE BOIS AVEC UN FLUIDE LIANT

Publication

**EP 1441884 B1 20060510 (DE)**

Application

**EP 02802312 A 20021104**

Priority

- DE 10153593 A 20011102
- EP 0212286 W 20021104

Abstract (en)

[origin: US7588832B2] The technical problem of the invention is to improve the wetting of wood fibers with a binding agent. This technical problem is solved according to the present invention by a device for wetting wood fibers (10, 109) with a binding fluid, with a transport pipe (16, 105) for transporting the wood fibers (10, 109), with a fan (14, 106) for generating a transport air current, with a guide tube (17, 109) connected to the transport pipe (16, 105), with a fan (20, 110) for generating a conveying air current in the guide tube (17, 109), with means (27, 12) for supplying the binding fluid in the guide tube (17, 109). The invention also relates to a process for wetting wood fibers with a binding fluid.

IPC 8 full level

**B27N 1/00** (2006.01); **B27N 1/02** (2006.01)

CPC (source: EP US)

**B27N 1/0254** (2013.01 - EP US); **Y10T 156/13** (2015.01 - EP US); **Y10T 156/17** (2015.01 - EP US); **Y10T 428/1303** (2015.01 - EP US); **Y10T 428/249925** (2015.04 - EP US); **Y10T 428/24994** (2015.04 - EP US); **Y10T 428/31986** (2015.04 - EP US); **Y10T 428/31989** (2015.04 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 03037582 A1 20030508**; AT E325689 T1 20060615; BG 108701 A 20050331; BR 0213827 A 20040831; BR 0213827 B1 20120320; CA 2464948 A1 20030508; CA 2464948 C 20080805; CN 100345671 C 20071031; CN 1596177 A 20050316; CZ 2004555 A3 20041215; CZ 301590 B6 20100428; DE 10153593 A1 20030522; DE 10153593 B4 20051117; DE 50206760 D1 20060614; DK 1441884 T3 20060904; EP 1441884 A1 20040804; EP 1441884 B1 20060510; ES 2264739 T3 20070116; PL 206764 B1 20100930; PL 368277 A1 20050321; PT 1441884 E 20060929; RU 2004116690 A 20050627; RU 2288094 C2 20061127; US 2005064169 A1 20050324; US 7588832 B2 20090915

DOCDB simple family (application)

**EP 0212286 W 20021104**; AT 02802312 T 20021104; BG 10870104 A 20040428; BR 0213827 A 20021104; CA 2464948 A 20021104; CN 02823902 A 20021104; CZ 2004555 A 20021104; DE 10153593 A 20011102; DE 50206760 T 20021104; DK 02802312 T 20021104; EP 02802312 A 20021104; ES 02802312 T 20021104; PL 36827702 A 20021104; PT 02802312 T 20021104; RU 2004116690 A 20021104; US 49453504 A 20041112