

Title (en)

Apparatus for depositing and transporting a nonwoven web of synthetic filaments

Title (de)

Vorrichtung für die Ablage und Förderung einer Vliesbahn aus Kunststoffäden

Title (fr)

Dispositif pour déposer et transporter un non-tissé composé de filaments synthétiques

Publication

**EP 1431435 B1 20041020 (DE)**

Application

**EP 02028455 A 20021219**

Priority

EP 02028455 A 20021219

Abstract (en)

[origin: EP1431435A1] A process accumulates a feed supply of non-woven man-made fibers and transports these on a belt over a release-point drum. The drum (4) esp. has numerous perforations (7) in the mantle linked to an interior supply of pressurised air. Also claimed is a commensurate assembly in which air is pumped into the drum via a hollow axle (8) and discharged through the perforations (7) and conveyer belt.

IPC 1-7

**D04H 3/00**; **D01D 5/098**

IPC 8 full level

**D04H 3/16** (2006.01); **B65H 20/10** (2006.01); **D01D 5/098** (2006.01); **D04H 1/44** (2006.01); **D04H 3/02** (2006.01)

CPC (source: EP KR US)

**B65H 20/10** (2013.01 - EP US); **D01D 5/0985** (2013.01 - EP US); **D04H 1/44** (2013.01 - KR); **D04H 3/02** (2013.01 - EP US); **Y10T 442/143** (2015.04 - EP US); **Y10T 442/184** (2015.04 - EP US)

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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)

**EP 1431435 A1 20040623**; **EP 1431435 B1 20041020**; AT E280256 T1 20041115; CN 1315709 C 20070516; CN 1508315 A 20040630; DE 50201372 D1 20041125; DK 1431435 T3 20050228; JP 2004197296 A 20040715; JP 4427313 B2 20100303; KR 100572161 B1 20060419; KR 20040054511 A 20040625; MX PA03011414 A 20050419; MY 136779 A 20081128; TR 200401841 T3 20040921; US 2004121673 A1 20040624; US 7168473 B2 20070130

DOCDB simple family (application)

**EP 02028455 A 20021219**; AT 02028455 T 20021219; CN 03108209 A 20030325; DE 50201372 T 20021219; DK 02028455 T 20021219; JP 2003422644 A 20031219; KR 20030091766 A 20031216; MX PA03011414 A 20031210; MY PI20034302 A 20031111; TR 200401841 T 20021219; US 68425703 A 20031010