

Title (en)

Method and device for transferring a fibre layer, and consolidation machine, in particular a (pre-) needling machine thus equipped

Title (de)

Verfahren und Vorrichtung zum Verschieben einer Fasermatte und damit ausgestattete Verfestigungsmaschine, insbesondere eine (Vor-) Vernadelungsmaschine

Title (fr)

Procédé et dispositif pour transférer une nappe de fibres, et machine de consolidation, en particulier (pré-)aiguilleteuse ainsi équipée

Publication

**EP 1790766 B1 20090506 (FR)**

Application

**EP 06291799 A 20061122**

Priority

FR 0511868 A 20051123

Abstract (en)

[origin: EP1790766A1] A method for transfer of a fibrous non-woven sheet (17) along the length of a transfer passage at an angle to the vertical involves contacting the underside (26) of the sheet with an underlying current of air, at least part of which has a component of motion in the transfer direction (27). Independent claims are included for: (1) a non-woven sheet transfer device, having a blower for introducing a current of air in contact with the underside (26) of the sheet (17), at least part of the current having a component of motion in the transfer direction (27); and (2) a non-woven sheet consolidation machine, having a sheet inlet equipped with the transfer device.

IPC 8 full level

**B65H 23/24** (2006.01); **D04H 18/00** (2012.01)

CPC (source: EP)

**B65H 23/24** (2013.01); **D04H 1/732** (2013.01); **D04H 18/00** (2013.01); **D04H 18/02** (2013.01); **B65H 2406/113** (2013.01); **B65H 2701/177** (2013.01)

Cited by

WO2018162624A1; CN109281058A; FR3026113A1; FR3063742A1

Designated contracting state (EPC)

AT CH DE FR IT LI

DOCDB simple family (publication)

**EP 1790766 A1 20070530**; **EP 1790766 B1 20090506**; AT E430826 T1 20090515; DE 602006006642 D1 20090618; FR 2893636 A1 20070525; FR 2893636 B1 20080418

DOCDB simple family (application)

**EP 06291799 A 20061122**; AT 06291799 T 20061122; DE 602006006642 T 20061122; FR 0511868 A 20051123