

Title (en)

DEVICE FOR STACKING SYNTHETIC FIBRES TO FORM A NONWOVEN

Title (de)

VORRICHTUNG ZUR ABLAGE VON SYNTHETISCHEN FASERN ZU EINEM VLIES

Title (fr)

SYSTEME POUR DEPOSER DES FIBRES SYNTHETIQUES DE FAÇON A FORMER UN NON-TISSE

Publication

EP 1797230 B1 20090304 (DE)

Application

EP 05797780 A 20050923

Priority

- EP 2005010308 W 20050923
- DE 102004046309 A 20040924

Abstract (en)

[origin: WO2006032517A1] The invention relates to a device for stacking synthetic fibres to form a nonwoven. The fibres are transported through a take-off nozzle by means of an air stream in the direction of a stacking belt. The device is provided with a guide duct for guiding fibres from the take-off nozzle to the stacking belt, said duct having a mobile retaining flap on one end of a longitudinal side that faces the stacking belt. To obtain a stacking area on the stacking belt that is separate from the environment as the position of the retaining flap is modified, the retaining flap is formed by a support and an elastic sealing lip, which is held in frictional contact with the stacking belt.

IPC 8 full level

B29C 48/90 (2019.01); **D04H 3/03** (2012.01); **D04H 3/16** (2006.01)

CPC (source: EP US)

D04H 3/03 (2013.01 - EP US); **D04H 3/16** (2013.01 - EP US)

Designated contracting state (EPC)

CH DE FR IT LI TR

DOCDB simple family (publication)

WO 2006032517 A1 20060330; CN 101027442 A 20070829; CN 101027442 B 20100616; DE 502005006763 D1 20090416; EP 1797230 A1 20070620; EP 1797230 B1 20090304; US 2008317895 A1 20081225; US 8137088 B2 20120320

DOCDB simple family (application)

EP 2005010308 W 20050923; CN 200580032320 A 20050923; DE 502005006763 T 20050923; EP 05797780 A 20050923; US 57584305 A 20050923