

Title (en)

APPARATUS AND METHOD FOR LAYING DOWN SYNTHETIC FIBRES TO FORM A NONWOVEN

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ABLAGE VON SYNTHETISCHEN FASERN ZU EINEM VLIES

Title (fr)

DISPOSITIF ET PROCÉDÉ DE DÉPOSE DE FIBRES SYNTHÉTIQUES SUR UN NON-TISSÉ

Publication

**EP 1941090 A1 20080709 (DE)**

Application

**EP 06792442 A 20061024**

Priority

- EP 2006010234 W 20061024
- DE 102005051244 A 20051026

Abstract (en)

[origin: WO2007048575A1] The invention relates to an apparatus and a method for laying down synthetic fibres to form a nonwoven, in which the synthetic fibres are blown through a drawing nozzle as a fibre stream in a free space in the direction of a laydown belt. According to the invention, before it impinges on the laydown belt, the fibre stream is guided through a guiding section which is formed between two guiding means, wherein one of the guiding means is arranged on a belt exit side and an opposite guide means is arranged on a belt inlet side and they form an open fibre inlet gap at a spacing from the drawing nozzle for the entry into the guiding section, and wherein the guiding section extends as far as the laydown belt.

IPC 8 full level

**D04H 3/16** (2006.01)

CPC (source: EP US)

**D04H 3/02** (2013.01 - EP US); **D04H 3/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2007048575A1

Designated contracting state (EPC)

CH DE FR IT LI TR

DOCDB simple family (publication)

**WO 2007048575 A1 20070503**; CN 101297074 A 20081029; EP 1941090 A1 20080709; US 2008256757 A1 20081023

DOCDB simple family (application)

**EP 2006010234 W 20061024**; CN 200680039778 A 20061024; EP 06792442 A 20061024; US 10896508 A 20080424