

Title (en)

DEVICE AND METHOD FOR SPINNING AND DEPOSITING A SYNTHETIC BEER FOR PRODUCING NONWOVENS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM SPINNEN UND ABLEGEN EINER SYNTHETISCHEN FADENSCHAR ZUR VLIESERZEUGUNG

Title (fr)

PROCEDE ET DISPOSITIF POUR FILER ET DEPOSER UNE NAPPE DE FILS SYNTHETIQUES DESTINES A LA PRODUCTION DE NON-TISSES

Publication

EP 1606444 A1 20051221 (DE)

Application

EP 04719381 A 20040311

Priority

- EP 2004002494 W 20040311
- DE 10311439 A 20030315

Abstract (en)

[origin: DE10311439A1] The assembly to spin and lay a band of synthetic filaments (3), to be formed into a nonwoven, has a melt spinning station (1), with a take-off (2) and a sieve laying surface (4). Two guide rollers (6.1,6.2) are in front of the laying surface, forming a gathering gap (7) between them to take the band of filaments. Two facing continuous belts (8.1,8.2) extend the gathering gap at the rollers towards the laying surface, powered to move in the filament movement direction. The guide rollers have a gas permeable mantle (11) and inner suction units, so that suction is applied to the mantle segment at the entry into the gap.

IPC 1-7

D04H 3/04; D04H 3/03

IPC 8 full level

D04H 1/736 (2012.01); **D04H 3/005** (2012.01); **D04H 3/02** (2006.01); **D04H 3/12** (2006.01)

CPC (source: EP US)

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