

Title (en)

Fibre extractor with adjustable angle between air shaft and delivery belt

Title (de)

Faserabzug mit verstellbarem Winkel von Luftschacht und Ablageband

Title (fr)

Dispositif d'extraction de fibres avec un angle variable entre le puit d'aérage et la bande d'évacuation

Publication

EP 1652976 B1 20080709 (DE)

Application

EP 05016149 A 20050726

Priority

- DE 102004036354 A 20040727
- DE 102004060967 A 20041217

Abstract (en)

[origin: EP1652976A2] Fibers from the card cylinder (3) are deposited in an airflow through a chute (2) on an air-permeable conveyor (11) to form a non-woven. The position of the chute side (4) together with the roller (5) can be adjusted. In addition, the side (7) together with the delivery edge (8) is also adjustable to control the distance for which fibers remain on the cylinder (3) after the last card segment (9). The chute (2) has an airflow splitter (6), which is also adjustable. The conveyor (11) runs in the opposite direction to the airflow and at an angle to it.

IPC 8 full level

D01G 15/46 (2006.01)

CPC (source: EP)

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Cited by

CN106544762A

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1652976 A2 20060503; EP 1652976 A3 20070110; EP 1652976 B1 20080709; AT E400679 T1 20080715; DE 102004060967 A1 20060323; DE 102004060967 B4 20070503; DE 502005004614 D1 20080821

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