

Title (en)

PNEUMATIC COMPACTION DEVICE FOR A FIBER ASSEMBLY AND METHOD FOR PNEUMATICALLY COMPACTING A FIBER ASSEMBLY

Title (de)

PNEUMATISCHE VERDICHUNGSEINRICHTUNG FÜR EINEN FASERVERBAND UND VERFAHREN ZUM PNEUMATISCHEN VERDICHEN EINES FASERVERBANDES

Title (fr)

DISPOSITIF DE SERRAGE PNEUMATIQUE POUR UN ASSEMBLAGE DE FIBRES ET PROCEDE DE SERRAGE PNEUMATIQUE D'UN ASSEMBLAGE DE FIBRES

Publication

**EP 1490539 A1 20041229 (DE)**

Application

**EP 03718644 A 20030329**

Priority

- DE 0301041 W 20030329
- DE 10214641 A 20020402

Abstract (en)

[origin: WO03083192A1] The invention relates to a pneumatic compaction device (10) and to a method for pneumatically compacting a fiber assembly (2) which was preferably stretched in the area of a drafting line (1) of a spinning machine. The inventive compaction device comprises transport means (15) for the fiber assembly (2) and a cover (30) that is provided with at least one guide (31, 31') extending in the direction of feed of the fiber assembly (2) for the air that effects compaction. The invention thus provides an excellent device and method for compacting the fiber assembly.

IPC 1-7

**D01H 5/72**; **D01H 5/26**; **D01H 5/86**

IPC 8 full level

**D01H 5/26** (2006.01); **D01H 5/66** (2006.01); **D01H 5/72** (2006.01); **D01H 5/86** (2006.01)

CPC (source: EP)

**D01H 5/26** (2013.01); **D01H 5/72** (2013.01); **D01H 5/86** (2013.01)

Citation (search report)

See references of WO 03083192A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 03083192 A1 20031009**; CN 100352983 C 20071205; CN 1646744 A 20050727; DE 10214641 A1 20031023; DE 10214641 B4 20070222; EP 1490539 A1 20041229; EP 1490539 B1 20060510; ES 2261930 T3 20061116; JP 2005521802 A 20050721; JP 4156525 B2 20080924

DOCDB simple family (application)

**DE 0301041 W 20030329**; CN 03807827 A 20030329; DE 10214641 A 20020402; EP 03718644 A 20030329; ES 03718644 T 20030329; JP 2003580619 A 20030329