

Title (en)

DEVICE FOR THE PRODUCTION OF ROVE BY MEANS OF A PNEUMATIC SPINNING PROCESS AND USE OF SUCH AN DEVICE

Title (de)

VORRICHTUNG ZUR HERSTELLUNG VON VORGARN MITTELS LUFTSPINNVERFAHREN UND VERWENDUNG EINER SOLCHEN VORRICHTUNG

Title (fr)

DISPOSITIF DE PRODUCTION D'UNE MECHE PAR UN PROCEDE DE FILAGE PNEUMATIQUE ET L'UTILISATION D'UNTEL DISPOSITIF

Publication

**EP 1664404 B1 20140618 (DE)**

Application

**EP 04738094 A 20040716**

Priority

- CH 2004000454 W 20040716
- CH 15792003 A 20030912

Abstract (en)

[origin: WO2005026421A1] The invention relates to a roving frame, the use of a twisting means, and a method for producing a rove (9). According to the invention, said rove (9) is produced from a fiber structure (3) which is really twisted (rotated) with the aid of one or several air flows.

IPC 8 full level

**D01H 4/02** (2006.01); **D01H 1/115** (2006.01); **D01H 7/92** (2006.01)

CPC (source: EP US)

**D01H 7/92** (2013.01 - EP US); **D01H 1/115** (2013.01 - EP US)

Citation (opposition)

Opponent : Saurer Germany GmbH & Co. KG

- EP 0375242 A2 19900627 - BURLINGTON INDUSTRIES INC [US]
- DE 2620118 A1 19761118 - MURATA MACHINERY LTD
- US 4112658 A 19780912 - MORIHASHI TOSHIHUMI
- DE 3731854 A1 19880511 - MURATA MACHINERY LTD [JP]

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005026421 A1 20050324**; CN 1882727 A 20061220; CN 1882727 B 20100414; CN 1882728 A 20061220; CN 1882728 B 20100901; EP 1664404 A1 20060607; EP 1664404 B1 20140618; ES 2500091 T3 20140930; JP 2007505227 A 20070308; US 2007193245 A1 20070823; US 7661259 B2 20100216

DOCDB simple family (application)

**CH 2004000454 W 20040716**; CN 200480033509 A 20040716; CN 200480033510 A 20040706; EP 04738094 A 20040716; ES 04738094 T 20040716; JP 2006525593 A 20040716; US 57141604 A 20040716