

Title (en)

DEVICE AND METHOD FOR PRODUCING A FIBER COMPOSITE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINES FASERVERBUNDES

Title (fr)

DISPOSITIF ET PROCEDE DE PRODUCTION D'UN COMPOSITE EN FIBRES

Publication

**EP 1056892 B1 20030416 (DE)**

Application

**EP 99914422 A 19990212**

Priority

- DE 9900432 W 19990212
- DE 19805996 A 19980216

Abstract (en)

[origin: WO9941439A1] Method for the production of a fiber composite by placing fibers on a support, wherein long fibers are used at least as an essential component for the production of a nonwoven fabric (70). Said fibers are fed to at least one delivery head (A, A1, A2) substantially over the height of a material column and ejected in a substantially horizontal manner therefrom. A long fiber-air suspension is generated by adding at least one aggregate. The suspension is directly applied on the support, which is especially shaped as a molding strip (14).

IPC 1-7

**D01G 9/18**; **D01G 25/00**; **D01G 37/00**

IPC 8 full level

**D01G 9/18** (2006.01); **D01G 25/00** (2006.01); **D01G 99/00** (2010.01)

CPC (source: EP US)

**B27N 3/14** (2013.01 - EP US); **D01G 9/18** (2013.01 - EP US); **D01G 25/00** (2013.01 - EP US); **D01G 99/00** (2013.01 - EP US)

Cited by

DE102004038543B4

Designated contracting state (EPC)

AT BE CH DE ES FR GB LI NL

DOCDB simple family (publication)

**WO 9941439 A1 19990819**; AT E237706 T1 20030515; AU 3326199 A 19990830; CA 2320466 A1 19990819; DE 19805996 A1 19990916; DE 59905072 D1 20030522; EP 1056892 A1 20001206; EP 1056892 B1 20030416; ES 2197630 T3 20040101; US 6460224 B1 20021008

DOCDB simple family (application)

**DE 9900432 W 19990212**; AT 99914422 T 19990212; AU 3326199 A 19990212; CA 2320466 A 19990212; DE 19805996 A 19980216; DE 59905072 T 19990212; EP 99914422 A 19990212; ES 99914422 T 19990212; US 62219700 A 20000814