

Title (en)
DEVICE FOR SIZING A FIBRE BUNDLE

Title (de)
VORRICHTUNG ZUM BESCHLICHTEN EINER FADENSCHAR

Title (fr)
DISPOSITIF D'ENCOLLAGE D'UNE PORTEE DE FILS

Publication
EP 1099019 A1 20010516 (DE)

Application
EP 99936521 A 19990713

Priority
• DE 19832163 A 19980717
• EP 9904914 W 19990713

Abstract (en)
[origin: DE19832163A1] A yarn sheet (3) is fed to a size applicator (2) through an inlet tension arrangement (1) which also performs the additional function of applying a pre-wetting agent (10,14), e.g. water at 85 deg C, and squeezing (7,15,16) the yarn sheet. The free path (17) to the size applicator is kept as short as possible and has a cover (19) to prevent heat loss.

IPC 1-7
D06B 1/14; **D06B 3/18**

IPC 8 full level
D06B 1/14 (2006.01); **D06B 3/18** (2006.01)

CPC (source: EP)
D06B 1/145 (2013.01); **D06B 3/18** (2013.01)

Citation (search report)
See references of WO 0004219A1

Designated contracting state (EPC)
CH DE ES GB IT LI

DOCDB simple family (publication)
DE 19832163 A1 20000120; **DE 19832163 C2 20030828**; CN 1181237 C 20041222; CN 1305548 A 20010725; DE 59903182 D1 20021128; EP 1099019 A1 20010516; EP 1099019 B1 20021023; EP 1099019 B2 20060927; ES 2188205 T3 20030616; JP 2002520507 A 20020709; JP 3640243 B2 20050420; WO 0004219 A1 20000127

DOCDB simple family (application)
DE 19832163 A 19980717; CN 99807291 A 19990713; DE 59903182 T 19990713; EP 9904914 W 19990713; EP 99936521 A 19990713; ES 99936521 T 19990713; JP 2000560308 A 19990713