

Title (en)

Method and apparatus for manufacturing fiber bundles

Title (de)

Verfahren und Vorrichtung zur Herstellung von Faserbündeln

Title (fr)

Procédé et appareil pour la fabrication de faisceaux de fibre

Publication

**EP 0933453 A3 20001004 (DE)**

Application

**EP 99101469 A 19990127**

Priority

DE 19803480 A 19980129

Abstract (en)

[origin: DE19803480C1] A fibre bundles is produced by gripping and forwarding a continuous fibre strand with one or more transport elements (20) and cutting it into a fibre bundle (10) of suitable length. The bundle (10) is released from the transport elements and held by grippers (30) till their release into a collector (40).

IPC 1-7

**D01G 1/04**; **D01G 37/00**

IPC 8 full level

**D01G 1/04** (2006.01); **D01G 99/00** (2010.01)

CPC (source: EP US)

**D01G 1/04** (2013.01 - EP US); **Y10S 83/913** (2013.01 - EP US); **Y10S 83/95** (2013.01 - EP US); **Y10T 83/0448** (2015.04 - EP US); **Y10T 83/2094** (2015.04 - EP US); **Y10T 83/2183** (2015.04 - EP US)

Citation (search report)

- [A] EP 0473064 A1 19920304 - HOECHST AG [DE]
- [AD] EP 0411572 A1 19910206 - NITTO BOSEKI CO LTD [JP]
- [A] US 3717905 A 19730227 - FURBECK W
- [A] US 4483727 A 19841120 - EICKMAN NANCY C [US], et al

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 19803480 C1 19990204**; DE 59907138 D1 20031106; EP 0933453 A2 19990804; EP 0933453 A3 20001004; EP 0933453 B1 20031001; ES 2209251 T3 20040616; JP 4219463 B2 20090204; JP H11293528 A 19991026; US 6862969 B1 20050308

DOCDB simple family (application)

**DE 19803480 A 19980129**; DE 59907138 T 19990127; EP 99101469 A 19990127; ES 99101469 T 19990127; JP 2118099 A 19990129; US 24006299 A 19990129