

Title (en)

Method and apparatus for manufacturing a textile yarn

Title (de)

Verfahren zum Herstellen eines textilen Garnes und Vorrichtung

Title (fr)

Procédé et appareil pour la fabrication d'un fil textile

Publication

EP 0887448 A3 20000223 (DE)

Application

EP 98110657 A 19980610

Priority

DE 19727575 A 19970628

Abstract (en)

[origin: EP0887448A2] A yarn is made from fibres that are produced from sliver (6) by an opening roller (4) and are then sucked on to a perforated collecting surface (12). The fibre bundle is deposited without twist on the continuously moving collecting surface (12) as a sliver (31) and is consolidated by twisting in a subsequent twisting zone (24). Also claimed is a recirculating collecting surface (12) with a narrow strip of perforations that run over and cover suction openings (21). The recirculating collecting surface (12) is followed by a twisting device (24).

IPC 1-7

D01H 4/32; **D01H 4/36**; **D01H 4/30**; **D01H 5/72**

IPC 8 full level

D01G 23/00 (2006.01); **D01H 4/30** (2006.01); **D01H 4/32** (2006.01); **D01H 4/36** (2006.01); **D01H 4/38** (2006.01); **D01H 5/72** (2006.01); **D01H 13/00** (2006.01)

CPC (source: EP US)

D01H 4/38 (2013.01 - EP US); **D01H 5/72** (2013.01 - EP US)

Citation (search report)

- [XY] WO 9008211 A1 19900726 - NAT RES DEV [GB]
- [Y] DE 4426278 A1 19960201 - RIETER AG MASCHF [CH]

Cited by

EP2530192A1; CN102808248A; EP3604646A1; US11879186B2; EP4067543A1; DE102021108378A1

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)

EP 0887448 A2 19981230; **EP 0887448 A3 20000223**; **EP 0887448 B1 20030502**; DE 19727575 A1 19990107; DE 19727575 C2 20031106; DE 59808125 D1 20030605; JP H1150339 A 19990223; US 6308507 B1 20011030

DOCDB simple family (application)

EP 98110657 A 19980610; DE 19727575 A 19970628; DE 59808125 T 19980610; JP 15481598 A 19980603; US 9935998 A 19980618