

Title (en)

DRAFTING UNIT FOR DRAFTING AN ELONGATE SLIVER AND TEXTILE MACHINE EQUIPPED THEREWITH

Title (de)

STRECKWERK ZUM VERSTRECKEN EINES STRANGFÖRMIGEN FASERVERBANDS SOWIE DAMIT AUSGERÜSTETE TEXTILMASCHINE

Title (fr)

BANC D'ÉTIRAGE POUR ÉTIRER UN ASSEMBLAGE DE FIBRES SOUS FORME D'ÉCHEVETTES ET MACHINE TEXTILE ÉQUIPÉE D'UN TEL BANC D'ÉTIRAGE

Publication

EP 3475474 A1 20190501 (DE)

Application

EP 17732230 A 20170607

Priority

- CH 8082016 A 20160624
- IB 2017053349 W 20170607

Abstract (en)

[origin: WO2017221093A1] The invention relates to a drafting unit (4) for a textile machine for drafting an elongate sliver fed to the drafting unit (4). The invention proposes that the drafting unit (4) comprises at least two drafting-unit modules (26) arranged in succession in a transporting direction of the sliver (9), said drafting-unit modules (26) each comprising a roller (1) and a counter-roller (2) corresponding to the roller (1), wherein the roller (1) and the counter-roller (2) of each drafting-unit module (26) have a roller body (3) that is rotatable about an axis of rotation (14), wherein a sliver (9) is able to be guided in a clamped manner between the roller body (3) of the roller (1) and corresponding counter-roller (2), wherein each drafting-unit module (26) has a separate carrier (10) on which the roller (1) and the counter-roller (2) are mounted, wherein the roller (1) of each drafting-unit module (26) is mounted in such a way on the carrier (10) of the respective drafting-unit module (26), via a receptacle (11) in the carrier (10), that said roller (1) is movable back and forth between a loading position and relief position independently of the rollers (1) of the other drafting-unit modules (26), wherein the roller bodies (3) of the roller (1) and of the corresponding counter-roller (2) are pressed against one another in the loading position, in order to guide the sliver (9) in a clamped manner, and wherein the roller bodies (3) of the roller (1) and of the corresponding counter-roller (2) are not in contact in the rest position.

IPC 8 full level

D01H 5/56 (2006.01)

CPC (source: CH EP US)

D01H 1/162 (2013.01 - US); **D01H 4/02** (2013.01 - US); **D01H 5/46** (2013.01 - CH); **D01H 5/56** (2013.01 - EP US)

Citation (search report)

See references of WO 2017221093A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

CH 712605 A1 20171229; CN 109312499 A 20190205; EP 3475474 A1 20190501; JP 2019522736 A 20190815; US 2019194834 A1 20190627; WO 2017221093 A1 20171228

DOCDB simple family (application)

CH 8082016 A 20160624; CN 201780038928 A 20170607; EP 17732230 A 20170607; IB 2017053349 W 20170607; JP 2018567215 A 20170607; US 201716311360 A 20170607