

Title (en)

STRETCHING UNIT WITH MULTIPLE FIBRE BAND GUIDES

Title (de)

STRECKWERK MIT MEHREREN FASERBANDFÜHRUNGEN

Title (fr)

BANC D'ÉTIRAGE COMPRENANT PLUSIEURS GUIDES DE BANDES FIBREUSES

Publication

**EP 3115486 A1 20170111 (DE)**

Application

**EP 16178034 A 20160705**

Priority

DE 102015110980 A 20150707

Abstract (en)

[origin: CN106337257A] The invention relates to a drafting mechanism used to draft a fiber belt (2). The drafting mechanism comprises at least three roller pairs (3, 4, 5) which are successively disposed along an advancing direction (LR) of the fiber belt (2), wherein each roller pair comprises at least one lower roller (6a-6c) and at least one upper roller (7a-7b); and the fiber belt (2) is guided to pass through all the roller pairs (3, 4, 5). The drafting mechanism also comprises at least one fiber belt guide device (8, 9, 10), wherein the fiber belt (2) is guided by the fiber belt guide device; the at least one first fiber belt guide device (8) is disposed in front of the drafting mechanism (1) along the advancing direction (LR) of the fiber belt (2); and at least one second fiber belt guide device (9) is disposed behind the drafting mechanism (1) along the advancing direction (LR) of the fiber belt (2). According to the invention, the third fiber belt guide device (10) is disposed between the two roller pairs (3, 4, 5) and/or in front of the first roller pair (3) along the advancing direction (LR) of the fiber belt (2), so that the fiber belt (2) can be guided from the side face.

Abstract (de)

Die Erfindung betrifft ein Streckwerk, zum Verstrecken eines Faserbandes (2), mit zumindest drei in Laufrichtung (LR) des Faserbandes (2) hintereinander angeordneten Walzenpaaren (3, 4, 5), die jeweils zumindest eine Unterwalze (6a-6c) und zumindest eine Oberwalze (7a-7d) umfassen, wobei das Faserband (2) zwischen jeweils einem Walzenpaar (3, 4, 5) hindurchgeführt ist, mit zumindest einer Faserbandführung (8, 9, 10), mittels der das Faserband (2) geführt ist, wobei zumindest eine erste Faserbandführung (8) in Laufrichtung (LR) des Faserbandes (2) vor dem Streckwerk (1) und zumindest eine zweite Faserbandführung (9) in Laufrichtung (LR) des Faserbandes (2) nach dem Streckwerk (1) angeordnet sind. Erfindungsgemäß ist zwischen zwei Walzenpaaren (3, 4, 5) und/oder in Laufrichtung (LR) des Faserbandes (2) vor einem ersten Walzenpaar (3) eine dritte Faserbandführung (10) angeordnet, so dass das Faserband (2) seitlich geführt ist.

IPC 8 full level

**D01H 5/72** (2006.01)

CPC (source: CN EP)

**D01H 5/72** (2013.01 - EP); **D06C 3/00** (2013.01 - CN)

Citation (applicant)

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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

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DOCDB simple family (publication)

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