Title (en)

FRICTION FEEDER

Title (de)

FRIKTIONSFOURNISSEUR

Title (fr)

BOBINE DÉBITRICE DE FIL À FRICTION

Publication

EP 3555352 A1 20191023 (DE)

Application

EP 17829163 A 20171213

Priority

- DE 102016015018 A 20161216
- EP 2017082580 W 20171213

Abstract (en)

[origin: WO2018108989A1] The invention relates to a friction feeder for receiving a plurality of threads from one or more corresponding thread delivery devices and feeding at least one of the threads to a thread-processing point of a knitting machine. At least two rollers arranged parallel to each other receive the threads and transport the threads in that the threads are carried along by the rollers by friction on the roller surfaces. A deflecting element is used to adjust the carry-along force applied by the rollers to at least one of the threads, wherein the rollers are arranged in such a way that the threads can be wrapped around both together at least once. The deflecting element can be set in such a way that the deflecting element deflects the thread or threads in a section of the course of the thread wrap between the rollers in such a way that the angle of wrap of the thread or threads around the rollers and thus the contact length of the thread or threads with the roller surfaces can be increased or decreased.

IPC 8 full level

D04B 15/48 (2006.01); **B65H 51/12** (2006.01)

CPC (source: EP)

B65H 51/12 (2013.01); **D04B 15/48** (2013.01); B65H 2701/31 (2013.01); D04B 9/30 (2013.01)

Citation (search report)

See references of WO 2018108989A1

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)

WO 2018108989 A1 20180621; CN 110073043 A 20190730; DE 102016015018 A1 20180621; EP 3555352 A1 20191023; JP 2020502382 A 20200123; TW 201825730 A 20180716

DOCDB simple family (application)

EP 2017082580 W 20171213; CN 201780077031 A 20171213; DE 102016015018 A 20161216; EP 17829163 A 20171213; JP 2019532006 A 20171213; TW 106144199 A 20171215