

Title (en)

YARN FEEDER FOR FLATBED KNITTING MACHINE

Title (de)

FADENFÜHRER FÜR EINE FLACHSTRICKMASCHINE

Title (fr)

DISPOSITIF D'ALIMENTATION DE FIL POUR MACHINE À TRICOTER RECTILIGNE

Publication

**EP 3546629 A1 20191002 (EN)**

Application

**EP 19166013 A 20190328**

Priority

JP 2018066157 A 20180329

Abstract (en)

[Object] It is an object of the present invention is to provide a yarn feeder for a flatbed knitting machine, which is capable of self-running while reducing sliding resistance.[Solving Means] When a base body 1 runs in a right-left direction in the drawing by being towed with belts 6, 7, a yarn feeder port 20a of a feeder rod 2 is descended to a yarn feeding position 9. Lower rollers 11a and upper rollers 11b roll, so that sliding resistance in running is reduced. When running of the base body 1 to one side is once stopped and is caused to run a little to the other side, the brake member 3 is caused to make pressure contact with the lower rail 5a and increases sliding resistance. The increase in the sliding resistance makes a braking state in which the brake member 3 stops on the running path 5 and the feeder rod 2 is made into an ascended state.

IPC 8 full level

**D04B 15/56** (2006.01)

CPC (source: CN EP KR)

**D04B 15/48** (2013.01 - CN); **D04B 15/484** (2013.01 - KR); **D04B 15/56** (2013.01 - EP KR)

Citation (applicant)

- EP 0898002 A2 19990224 - SHIMA SEIKI MFG [JP]
- JP 5042844 B2 20121003

Citation (search report)

- [A] US 4738124 A 19880419 - STOLL THOMAS [DE], et al
- [AD] EP 0898002 A2 19990224 - SHIMA SEIKI MFG [JP]

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)

**EP 3546629 A1 20191002**; **EP 3546629 B1 20211201**; CN 110318152 A 20191011; CN 110318152 B 20201215; JP 2019173247 A 20191010; JP 7048389 B2 20220405; KR 102190614 B1 20201214; KR 20190114846 A 20191010

DOCDB simple family (application)

**EP 19166013 A 20190328**; CN 201910246231 A 20190329; JP 2018066157 A 20180329; KR 20190035549 A 20190328