

Title (en)

YARN-END TREATING DEVICE FOR FLAT-KNITTING MACHINE

Title (de)

VORRICHTUNG ZUR BEHANDLUNG VON GARNENDEN FÜR EINE FLACHSTRICKMASCHINE

Title (fr)

DISPOSITIF DE TRAITEMENT D'EXTRÉMITÉ DE FIL POUR MACHINE À TRICOTER RECTILIGNE

Publication

**EP 2241660 A1 20101020 (EN)**

Application

**EP 08868426 A 20081225**

Priority

- JP 2008003945 W 20081225
- JP 2007341539 A 20071229

Abstract (en)

Provided is an edge yarn treatment device for a flatbed knitting machine, in which knitting yarns can be gripped and cut by driving two grippers and a cutter in a single operation of turning of a drive shaft. A left gripper unit (3) and the right gripper unit (4) have gripping portions (5 and 6) respectively. The left gripper unit (3) and the right gripper unit (4) can be moved laterally in a sliding manner along two drive shafts (7 and 8) extending over the needle bed gap (2). The gripping portions (5 and 6) are driven by turning of the drive shafts (7 and 8), respectively. The cutter (9) is driven to be opened or closed by turning of the drive shaft (8) for driving the gripping portion (6) of the right gripper unit (4) to move. The actions of gripping and cutting the knitting yarns by the two gripping portions (5 and 6) can be performed by the single operation of turning of the drive shafts (7 and 8).

IPC 8 full level

**D04B 15/56** (2006.01)

CPC (source: EP)

**D04B 7/34** (2013.01); **D04B 15/565** (2013.01)

Cited by

EP4332287A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2241660 A1 20101020**; **EP 2241660 A4 20130220**; **EP 2241660 B1 20140101**; CN 101910489 A 20101208; CN 101910489 B 20120208; JP 5161242 B2 20130313; JP WO2009084193 A1 20110512; WO 2009084193 A1 20090709

DOCDB simple family (application)

**EP 08868426 A 20081225**; CN 200880122863 A 20081225; JP 2008003945 W 20081225; JP 2009547892 A 20081225