

Title (en)

YARN END TREATING DEVICE FOR FLAT KNITTING MACHINE

Title (de)

FADENENDEBEHANDLUNGSVORRICHTUNG FÜR FLACHSTRICKMASCHINE

Title (fr)

DISPOSITIF DE TRAITEMENT D'EXTRÉMITÉ DE FIL SUR UNE MACHINE À TRICOTER PLATE

Publication

**EP 2123815 B1 20140625 (EN)**

Application

**EP 07849881 A 20071222**

Priority

- JP 2007001462 W 20071222
- JP 2006356933 A 20061229
- JP 2007233447 A 20070907

Abstract (en)

[origin: EP2123815A1] To provide an edge yarn processing apparatus for a flatbed knitting machine which can operate a cutter by a gripper unit side alone provided with the cutter without using rotation of a slide guiding member. A first gripper 11 and a second gripper 12 have a first gripping part 13 and a second gripping part 14, respectively, which can grip knitting yarn 5 at the one end. Operation of the first gripping part 13 and the second gripping part 14 are conducted, respectively, on the basis of relative movement of a first grooved cam member 17 and a second grooved cam member 18 to a first holder 15 and a second holder 16. With the first gripper 11, a cutter 19 is also provided, and the operation of the cutter 19 is also conducted on the basis of the relative movement of the first grooved cam member 17 to the first holder 15, together with the first gripping part 13. Consequently, change-over between knitting yarn holding state and operation of the cutter 19 can be carried out without rotating the track 20.

IPC 8 full level

**D04B 15/56** (2006.01)

CPC (source: EP)

**D04B 15/565** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 2123815 A1 20091125; EP 2123815 A4 20121212; EP 2123815 B1 20140625;** CN 101573484 A 20091104; CN 101573484 B 20110727; JP 5161113 B2 20130313; JP WO2008081579 A1 20100430; WO 2008081579 A1 20080710

DOCDB simple family (application)

**EP 07849881 A 20071222;** CN 200780048867 A 20071222; JP 2007001462 W 20071222; JP 2008552021 A 20071222