

Title (en)

FLAT KNITTING MACHINE STITCH PRESSING DEVICE WITH POSITION VARYING WITH GAP SIZE

Title (de)

FLACHSTRICKMASCHINENMASCHENPRESSVORRICHTUNG MIT POSITIONSVARIIERUNG MIT SPALTGRÖSSE

Title (fr)

DISPOSITIF DE PRESS-MAILLE DE MACHINE À TRICOTER RECTILIGNE À POSITION VARIABLE SELON LA TAILLE D'ÉCART

Publication

EP 3702503 A1 20200902 (EN)

Application

EP 19159742 A 20190227

Priority

EP 19159742 A 20190227

Abstract (en)

A flat knitting machine mangling device (40) with position varying with gap (10) size is provided. The flat knitting machine mangling device (40) includes a driving element (41), a fixing base (42) disposed on a cam supporting base (137), a sliding base (43) disposed to correspond to the fixing base (42), a limiting block (44) combined with the fixing base (42) and limiting the sliding base (43) to only slide relative to the cam supporting base (137), a mangling sheet supporting arm (45) and a mangling sheet (46) disposed on the mangling sheet supporting arm (45). The driving element (41) is started when a knock-over bit cam (132) makes a displacement stroke (133). The sliding base (43) is provided with a guide block (432) and makes a regulation stroke (431) relative to the cam supporting base (137) when the driving element (41) is started. The guide block (432) drives the mangling sheet (46) to move to change a mangling position when the sliding base (43) makes the regulation stroke (431).

IPC 8 full level

D04B 15/90 (2006.01)

CPC (source: EP)

D04B 15/90 (2013.01)

Citation (search report)

- [A] EP 0597548 A1 19940518 - SHIMA SEIKI MFG [JP]
- [A] EP 0472341 A2 19920226 - SHIMA SEIKI MFG [JP]
- [A] EP 3034665 A1 20160622 - STOLL AG & CO KG H [DE]
- [A] EP 0110646 A1 19840613 - COURTAULDS PLC [GB]

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 3702503 A1 20200902; EP 3702503 B1 20210728

DOCDB simple family (application)

EP 19159742 A 20190227