

Title (en)
KNITTING TOOL CONTROLLING APPARATUS IN CIRCULAR KNITTING MACHINE AND METHOD FOR KNITTING JACQUARD KNITTED FABRIC USING THE SAME

Title (de)
STRICKWERKZEUGSTEUERUNGSVORRICHTUNG IN EINER RUNDSTRICKMASCHINE UND VERFAHREN ZUM STRICKEN VON JACQUARD-STRICKWARE DAMIT

Title (fr)
APPAREIL DE COMMANDE D'OUTIL DE TRICOTAGE DANS UNE MACHINE À TRICOTER CIRCULAIRE ET PROCÉDÉ DE TRICOTAGE D'UN TRICOT JACQUARD L'UTILISANT

Publication
EP 3141645 A1 20170315 (EN)

Application
EP 16187243 A 20160905

Priority
JP 2015178369 A 20150910

Abstract (en)
Provided is a controlling apparatus for a jacquard knitted fabric in a circular knitting machine, in which the distance moved by sinkers back and forth is reduced. A controlling apparatus of the present invention has a rocking piece base member 4 for controlling a knitting tool 2, the rocking piece base member being mounted in the same groove as the knitting tool, and at least one rocking piece 5 supported so as to be capable of rocking on the rocking piece base member 4. At least one pair of attracting members 13a and 13b are provided respectively corresponding to both ends of the rocking piece 5. The controlling apparatus further has at least one rocking piece retracting cam 10 for retracting the rocking piece 5, and a control cam 7, 8 for controlling knitting tools.

IPC 8 full level
D04B 1/02 (2006.01); **D04B 9/12** (2006.01); **D04B 15/24** (2006.01); **D04B 15/68** (2006.01); **D04B 15/78** (2006.01)

CPC (source: CN EP)
D04B 1/02 (2013.01 - EP); **D04B 9/12** (2013.01 - EP); **D04B 15/24** (2013.01 - EP); **D04B 15/68** (2013.01 - CN EP); **D04B 15/78** (2013.01 - EP); **D04B 15/84** (2013.01 - CN)

Citation (applicant)

- JP H0921042 A 19970121 - FUKUHARA SEIKI SEISAKUSHO
- JP H0941247 A 19970210 - NAGATA SEIKI KK

Citation (search report)

- [XY] EP 0752490 A1 19970108 - PRECISION FUKUHARA WORKS LTD [JP]
- [YD] JP H0941247 A 19970210 - NAGATA SEIKI KK
- [A] US 5375436 A 19941227 - FUCIK MILAN [CS]

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 3141645 A1 20170315; **EP 3141645 B1 20191218**; CN 106521791 A 20170322; CN 106521791 B 20210514; JP 2017053074 A 20170316; TW 201718965 A 20170601; TW I757245 B 20220311

DOCDB simple family (application)
EP 16187243 A 20160905; CN 201610647860 A 20160809; JP 2016160993 A 20160819; TW 105128719 A 20160906