

Title (en)

A SETUP METHOD OF TENSION DEVICES ON A FLAT KNITTING MACHINE AND A SETUP SYSTEM

Title (de)

EINRICHTVERFAHREN VON SPANNVORRICHTUNGEN AUF EINER FLACHSTRICKMASCHINE UND EINRICHTUNGSSYSTEM

Title (fr)

PROCÉDÉ DE CONFIGURATION DE DISPOSITIFS DE TENSION SUR UNE MACHINE À TRICOTER RECTILIGNE ET SYSTÈME DE CONFIGURATION

Publication

**EP 3754078 A1 20201223 (EN)**

Application

**EP 20180428 A 20200617**

Priority

- JP 2019112504 A 20190618
- JP 2020068044 A 20200406

Abstract (en)

A top tension device, provided on a flat knitting machine, having an adjusting member for adjusting tension to a yarn, according to an electrical input, is set. An input value to the adjusting member for applying a desired tension to a yarn is measured. The input value is corrected and transformed to a setup value on the basis of elements in the yarn feeding route from the top tension device to the carrier of the yarn. The controller of the flat knitting machine applies the setup value to the adjusting member.

IPC 8 full level

**D04B 15/44** (2006.01); **D04B 15/99** (2006.01); **D04B 35/12** (2006.01)

CPC (source: CN EP KR)

**D04B 15/44** (2013.01 - CN EP KR); **D04B 15/56** (2013.01 - KR); **D04B 15/99** (2013.01 - EP); **D04B 35/12** (2013.01 - EP)

Citation (applicant)

JP H083844 A 19960109 - SHIMA SEIKI MFG

Citation (search report)

- [XY] US 2006184267 A1 20060817 - HUSS ROLF [DE], et al
- [Y] WO 2016142901 A1 20160915 - BTSR INT SPA [IT]

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 3754078 A1 20201223**; CN 112095217 A 20201218; CN 112095217 B 20220809; KR 102393871 B1 20220502; KR 20200144494 A 20201229

DOCDB simple family (application)

**EP 20180428 A 20200617**; CN 202010556542 A 20200618; KR 20200072703 A 20200616