

Title (en)
DEVICE AND METHOD FOR FEEDING A THREAD

Title (de)
VORRICHTUNG UND VERFAHREN ZUM VORLEGEN EINES FADENS

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR LA PRÉSENTATION D'UN FIL

Publication
EP 3841239 A1 20210630 (DE)

Application
EP 19756155 A 20190815

Priority
• DE 102018120364 A 20180821
• EP 2019071902 W 20190815

Abstract (en)
[origin: WO2020038816A1] The invention relates to a device for feeding a thread for loop-forming tools, arranged in at least one row, of a textile machine, having a thread guiding device (4) comprising a rotary element (5) and a thread guide (6), wherein the thread guiding device (4) is configured to move a weft thread (2) to and fro in two opposite directions (HI, HR) in a stroke range (B) in each case in front of the row of tools. The thread guiding device is intended to create a device for feeding a thread over a partial width of a knitted web, wherein the device has a compact structure and allows a high working speed. This is achieved in that the thread guiding device (4) has an eyelet structure (5), which is drivable in a planetary manner about an axis of rotation (R), as rotary element and has a traversing disc (6), configured as the thread guide, which is arranged downstream of the eyelet structure (5) in a thread running direction (FR).

IPC 8 full level
D04B 23/12 (2006.01)

CPC (source: EP)
D04B 23/12 (2013.01)

Citation (search report)
See references of WO 2020038816A1

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)
DE 102018120364 A1 20200227; EP 3841239 A1 20210630; EP 3841239 B1 20230510; WO 2020038816 A1 20200227

DOCDB simple family (application)
DE 102018120364 A 20180821; EP 19756155 A 20190815; EP 2019071902 W 20190815