

Title (en)

END YARN PROCESSING DEVICE AND END YARN PROCESSING METHOD

Title (de)

ENDGARNVERARBEITUNGSVORRICHTUNG UND ENDGARNVERARBEITUNGSVERFAHREN

Title (fr)

DISPOSITIF DE TRAITEMENT DE FIL D'EXTRÉMITÉ ET PROCÉDÉ DE TRAITEMENT DE FIL D'EXTRÉMITÉ

Publication

EP 4332287 A1 20240306 (EN)

Application

EP 23194349 A 20230830

Priority

JP 2022138345 A 20220831

Abstract (en)

An end yarn processing device capable of cutting an end yarn near a knitted fabric is provided. An end yarn processing device (1) movable along a longitudinal direction of a needle bed (110) of a flat knitting machine (100) includes a catcher (30) that holds an end yarn extending from a gripper device (150) provided at least at an end of the needle bed (110) to a knitting start stitch of a knitted fabric (K) above a needle bed gap (S) of the needle bed (110), and a cutter (60) that cuts the end yarn held above the needle bed gap (S) between a position adjacent to the catcher (30) and the stitch.

IPC 8 full level

D04B 7/26 (2006.01); **D04B 15/56** (2006.01)

CPC (source: EP KR)

D04B 7/26 (2013.01 - EP); **D04B 15/10** (2013.01 - KR); **D04B 15/40** (2013.01 - KR); **D04B 15/565** (2013.01 - EP); **D04B 35/02** (2013.01 - KR)

Citation (applicant)

JP 4015980 B2 20071128

Citation (search report)

- [XA] EP 2241660 B1 20140101 - SHIMA SEIKI MFG [JP]
- [XA] JP H08325901 A 19961210 - SHIMA SEIKI MFG
- [XA] EP 3901344 A1 20211027 - SHIMA SEIKI MFG [JP]
- [XA] JP 5160760 B2 20130313

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

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