

Title (en)
APPARATUS AND METHOD OF OPERATION FOR KNITTING HOSIERY

Title (de)
VORRICHTUNG UND VERFAHREN ZUM STRICKEN VON STRUMPFWAREN

Title (fr)
APPAREIL ET PROCÉDÉ DE FONCTIONNEMENT POUR LE TRICOTAGE D'ARTICLES DE BONNETERIE

Publication
EP 3839117 A1 20210623 (EN)

Application
EP 20170263 A 20200418

Priority
TW 108146074 A 20191216

Abstract (en)
An apparatus for knitting hosiery comprises a circular knitting machine (C), a sewing device (3), a transfer mechanism (4), and an upper mechanism (1) configured in the upper portion of a sewing machine (S); the lower mechanism (2) configured in the lower portion of the sewing machine (S), wherein the upper mechanism (1) and the lower mechanism (2) are spaced apart vertically, wherein the lower mechanism (2) moves back and forth to the circular knitting machine (C); when the transfer mechanism (4) transfers a semi-finished tubular knitted article to a sewing platform, an open end (211) of the lower mechanism (2) moves toward the circular knitting machine (C) in a horizontal direction at the same vertical level, so that the semi-finished tubular knitted article cannot be sucked smoothly is avoided.

IPC 8 full level
D04B 9/40 (2006.01); **D04B 15/02** (2006.01); **D06G 3/04** (2006.01)

CPC (source: EP)
D04B 9/40 (2013.01); **D04B 15/02** (2013.01)

Citation (applicant)
• CN 101970740 A 20110209 - LONATI SPA
• CN 208201288 U 20181207 - ZHEJIANG YEXIAO KNITTING MACHINERY CO LTD

Citation (search report)
• [XY] CN 109576884 A 20190405 - YANG ZHILIN
• [Y] EP 2250305 A1 20101117 - LONATI SPA [IT]

Cited by
CN113862906A

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

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