

Title (en)  
SUPPORT AND CONTROL DEVICE FOR CIRCULAR KNITTING MACHINES

Title (de)  
STÜTZ- UND STEUERUNGSVORRICHTUNG FÜR RUNDSTRICKMASCHINEN

Title (fr)  
DISPOSITIF DE SUPPORT ET DE COMMANDE POUR MACHINES À TRICOTER CIRCULAIRES

Publication  
**EP 3303671 B1 20200708 (EN)**

Application  
**EP 16735687 A 20160526**

Priority  
• IT UB20150954 A 20150529  
• IB 2016053090 W 20160526

Abstract (en)  
[origin: WO2016193870A1] A support and control device (1), designed to be mounted in a circular knitting machines equipped with a needle-holding unit, with a plurality of needles and with a corresponding plurality of selectors for such needles, comprising a support body (2) equipped with a mounting portion (3) to the supporting structure of the knitting machine, a first seat (4) and a second seat (5). The device comprises selecting units (20) for controlling the plurality of needle selectors, associated with the first seat, and at least one cam (30; 40) for controlling the needles or the selectors, associated with the second seat. The selecting units (20) comprise a plurality of levers (21), each one being configured so as to interact with the butts of a respective plurality of needle selectors, and a corresponding plurality of piezoelectric actuators; each piezoelectric selectively moves the respective lever at least between a first position, in which the lever interacts with the butts of the selectors, and a second position, in which the lever does not interact with the butts of the selectors.

IPC 8 full level  
**D04B 15/78** (2006.01); **D04B 15/32** (2006.01); **D04B 15/68** (2006.01)

CPC (source: CN EP KR)  
**D04B 15/32** (2013.01 - CN EP KR); **D04B 15/78** (2013.01 - CN EP KR)

Cited by  
CN109440283A

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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

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DOCDB simple family (publication)  
**WO 2016193870 A1 20161208**; BR 112017025046 A2 20180807; BR 112017025046 B1 20220517; CN 107735520 A 20180223; CN 107735520 B 20210824; EP 3303671 A1 20180411; EP 3303671 B1 20200708; IT UB20150954 A1 20161129; KR 102572007 B1 20230828; KR 20180014002 A 20180207

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