

Title (en)  
SETUP EQUIPMENT FOR FLATBED KNITTING MACHINE

Title (de)  
EINSTELLUNGSAUSRÜSTUNG FÜR FLACHSTRICKMASCHINE

Title (fr)  
ÉQUIPEMENT DE PRÉPARATION POUR MACHINE À TRICOTER RECTILIGNE

Publication  
**EP 3168350 A1 20170517 (EN)**

Application  
**EP 16197900 A 20161109**

Priority  
JP 2015221693 A 20151112

Abstract (en)  
[Problem to be solved] It is an object of the present invention is to provide a set up equipment for a flatbed knitting machine in which an elevating guide only in an elevating mechanism is enough even when a plurality of set up plates are included. [Solution] A holder 6 accommodates a plurality of set up plates 3, 4, and 5 at an interval in a front-back direction and is capable of being moved in the front-back direction. Elevating mechanisms 7 are provided with elevating guides 10 and have elevators 11 moving the connected set up plate 4 in an elevation manner by guiding with the elevating guides 10. Selecting mechanisms 8 move the holder 6 frontward and backward, select the one set up plate 4, and adjust the set up plate 4 to a position at which substrates 4a are capable of being connected to the elevators 11 of the elevating mechanisms 7. Connecting mechanisms 9 are capable of switching connection or disconnection between the substrates 4a of the selected set up plate 4 and the elevators 11 in a state where the elevators 11 of the elevating mechanisms 7 are lowered and it is therefore sufficient that the elevating guides 10 are provided only in the elevating mechanisms 7.

IPC 8 full level  
**D04B 15/90** (2006.01)

CPC (source: CN EP KR)  
**D04B 7/30** (2013.01 - KR); **D04B 15/00** (2013.01 - CN); **D04B 15/10** (2013.01 - KR); **D04B 15/16** (2013.01 - KR); **D04B 15/36** (2013.01 - KR); **D04B 15/90** (2013.01 - EP)

Citation (applicant)  
• JP S4749789 B1 19721214  
• JP H0377298 B2 19911210  
• JP 3612113 B2 20050119

Citation (search report)  
• [AD] JP S4749789 B1 19721214  
• [A] DE 19733867 A1 19990211 - SCHIEBER UNIVERSAL MASCHF [DE]  
• [A] JP 2014084538 A 20140512 - SHIMA SEIKI MFG

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 3168350 A1 20170517**; **EP 3168350 B1 20181107**; CN 106702583 A 20170524; CN 106702583 B 20181009; JP 2017089061 A 20170525; JP 6214616 B2 20171018; KR 101803711 B1 20171201; KR 20170055916 A 20170522

DOCDB simple family (application)  
**EP 16197900 A 20161109**; CN 201610997486 A 20161111; JP 2015221693 A 20151112; KR 20160149287 A 20161110