

Title (en)  
FLAT KNITTING MACHINE

Title (de)  
FLACHSTRICKMASCHINE

Title (fr)  
MACHINE À TRICOTER RECTILIGNE

Publication  
**EP 3115491 B1 20181219 (DE)**

Application  
**EP 15176118 A 20150709**

Priority  
EP 15176118 A 20150709

Abstract (en)  
[origin: CN106337248A] A flat knitting machine is provided with at least two needle beds (30,30'), at least one slide block (20) which can move over the needle beds (10,10') and is distributed to a knitting hasp (30,30'), and a yarn supplying device. The yarn supplying device is provided with a yarn guider rail which is configured above the needle beds, wherein the yarn supplying device is provided with yarn guiders (40,40') which can perform following movement through the slide block (20), and furthermore the yarn supplying device is provided with at least one yarn guider (50,50') which can be driven without dependence to the slide block (20) and performs automatic movement.

IPC 8 full level  
**D04B 15/56** (2006.01); **D04B 15/96** (2006.01)

CPC (source: CN EP)  
**D04B 15/56** (2013.01 - CN EP); **D04B 15/96** (2013.01 - EP)

Citation (opposition)  
Opponent : Shima Seiki Manufacturing, LTD.  
• EP 0898002 A2 19990224 - SHIMA SEIKI MFG [JP]  
• US 5615562 A 19970401 - ROELL FRIEDRICH [DE]  
• DE 69812203 T2 20030925 - SHIMA SEIKI MFG [JP]  
• DE 69508696 T2 19991202 - SHIMA SEIKI MFG [JP]  
• DE 69503831 T2 19990408 - SHIMA SEIKI MFG [JP]  
• DE 69210132 T2 19961212 - STEIGER SA ATELIER CONSTR [CH]  
• KEN MYOHDAL: "Neue Intarsien-Strickmaschine Modell INS-40", WIRKEREI- UND STRICKEREI-TECHNIK, vol. 40, no. 5, 1990, pages 482 - 484, XP055643398  
• MITSUBOSHI: "Computerized Intarsia Flat Knitting Machine Model INS-40", MITSUBOSHI - LEAFLET, 11 July 1990 (1990-07-11), pages 1 - 6, XP055643402

Cited by  
CN114657686A; EP3636814A2; EP3636814B1; EP3556921A1

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

DOCDB simple family (publication)  
**EP 3115491 A1 20170111**; **EP 3115491 B1 20181219**; **EP 3115491 B2 20220803**; **EP 3115491 B8 20190320**; CN 106337248 A 20170118; CN 106337248 B 20190104

DOCDB simple family (application)  
**EP 15176118 A 20150709**; CN 201610534695 A 20160708