Title (en)
METHOD AND KNITTING MACHINE FOR RECTILINEAR KNITTING TO FORM A TUBULAR SEAMLESS KNITTED MATERIAL

Title (de)
VERFAHREN UND FLACHSTRICKMASCHINE ZUR HERSTELLUNG EINER NAHTLOSEN SCHLAUCHARTIGEN STRICKWARE

Title (fr)
PROCEDE ET METIER A TRICOTER RECTILIGNE POUR FORMER UN TRICOT TUBULAIRE SANS COUTURE

Publication
EP 1257702 B1 20080409 (FR)

Application
EP 01906039 A 20010221

Priority
• EP 01906039 A 20010221
• EP 00810150 A 20000223
• IB 0100232 W 20010221

Abstract (en)
[origin: EP1127970A1] The invention concerns a knitting machine comprising two needle beds (1, 2, 43, 44) for guiding knitting needles (3), means for selecting said knitting needles (3), carriages (4, 40) for moving the selected knitting needles and members guiding (10) the knitting thread (52). The method consists in arranging the needle beds (1, 2, 43, 44) so that the needles (3) of a needle bed (1; 43) in their normal knitting travel do not cross the needles of the other needle bed (2; 44), in moving the carriages in one direction along each needle bed (1, 2, 43, 44), the displacement directions of said carriages (4, 40) along their respective needle beds being opposite relative to each other and in transferring the thread (52) from the needles (3) of one needle bed (1, 43) to those of the other needle beds (2, 44), each time said thread (52) reaches the end of the selected needles (3).

IPC 8 full level
A41D 1/06 (2006.01); **A41D 13/00** (2006.01); **D04B 1/00** (2006.01); **D04B 1/24** (2006.01); **D04B 1/26** (2006.01); **D04B 7/32** (2006.01); **D04B 15/36** (2006.01); **D04B 15/54** (2006.01); **D04B 15/96** (2006.01)

CPC (source: EP US)
D04B 7/32 (2013.01 - EP US); **D04B 15/42** (2013.01 - EP US); **D04B 15/56** (2013.01 - EP US)

Citation (examination)
• EP 0412944 A1 19910213 - LAMBDA SRL [IT]
• US 4724687 A 19880216 - GARIBOLDI FRANCO [IT], et al

Cited by
DE102009026894A1; DE102009026894B4

Designated contracting state (EPC)
CH DE IT LI

DOCDB simple family (publication)
EP 1127970 A1 20010829; AU 3400101 A 20010903; CN 1292115 C 20061227; CN 1441867 A 20030910; DE 60133536 D1 20080521; DE 60133536 T2 20090625; EP 1257702 A1 20021120; EP 1257702 B1 20080409; HK 1058059 A1 20040430; JP 2004504499 A 20040212; JP 4188600 B2 20081126; TW 499521 B 20020821; US 2002194883 A1 20021226; US 6626012 B2 20030930; WO 0163031 A1 20010830

DOCDB simple family (application)
EP 00810150 A 20000223; AU 3400101 A 20010221; CN 01808424 A 20010221; DE 60133536 T 20010221; EP 01906039 A 20010221; HK 04100842 A 20040209; IB 0100232 W 20010221; JP 2001561833 A 20010221; TW 90119504 A 20010809; US 21880502 A 20020814