

Title (en)

Method and device for transferring stitches on a knitting machine

Title (de)

Verfahren und Vorrichtung zum Umhängen von Maschen auf einer Strickmaschine

Title (fr)

Procédé et dispositif pour reporter des mailles dans un métier à tricoter

Publication

EP 1099786 A3 20020703 (DE)

Application

EP 00123699 A 20001031

Priority

DE 19954477 A 19991112

Abstract (en)

[origin: EP1099786A2] A stitch (7) is picked up from a needle (3) by a separate transfer element (5) that supports it while needle movements take place. The stitch is then placed on another needle or transfer element. The operation occurs with appropriate needle and latch movements on a latch needle machine or in the corresponding actions with a compound needle. An Independent claim is also included for a driven transfer element (5) including a pointed (51) leaf spring, preferably two leaf springs than enfold the sides of the needle (3).

IPC 1-7

D04B 15/02

IPC 8 full level

D04B 7/00 (2006.01); **D04B 1/22** (2006.01); **D04B 15/02** (2006.01)

CPC (source: EP US)

D04B 1/22 (2013.01 - EP US); **D04B 15/02** (2013.01 - EP US)

Citation (search report)

- [PX] EP 0959162 A2 19991124 - SHIMA SEIKI MFG [JP]
- [YA] EP 0924327 A2 19990623 - SHIMA SEIKI CO LTD [JP]
- [Y] US 4555917 A 19851203 - KUEHNERT GOTTFRIED [DE]
- [A] EP 0881314 A2 19981202 - SHIMA SEIKI MFG [JP]
- [A] DE 687091 C 19400122 - WALTER & CO
- [A] DE 705199 C 19410419 - REUTLINGER STRICKMASCHINENFAB

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1099786 A2 20010516; EP 1099786 A3 20020703; EP 1099786 B1 20070815; CN 1195912 C 20050406; CN 1296091 A 20010523; DE 19954477 A1 20010607; DE 50014566 D1 20070927; ES 2288827 T3 20080201; JP 2001200453 A 20010727; JP 3870332 B2 20070117; US 6381992 B1 20020507

DOCDB simple family (application)

EP 00123699 A 20001031; CN 00135522 A 20001111; DE 19954477 A 19991112; DE 50014566 T 20001031; ES 00123699 T 20001031; JP 2000378135 A 20001108; US 70753300 A 20001107