

Title (en)
DEVICE FOR MACHINE KNITTING

Title (de)
VORRICHTUNG ZUM MASCHINELLEN MASCHENBILDEN

Title (fr)
DISPOSITIF DE FORMATION DE MAILLES SUR MACHINE

Publication
EP 1368520 A2 20031210 (DE)

Application
EP 02750519 A 20020312

Priority

- DE 0200866 W 20020312
- DE 10112277 A 20010314
- DE 10152856 A 20011101

Abstract (en)
[origin: WO02072936A2] The invention relates to a device for machine knitting with at least one continuous thread, in which the thread is passed through an existing stitch in the form of a loop, by means of the hook of a knitting or working needle to form a new stitch, whereby the knitting or working needle comprises a slot below the needle hook, into which a downwards-pointing transfer hook, which may be moved in the vertical direction, may extend. The transfer hook extends into the slot by means of a simultaneous controlled transverse movement, or the transfer hook forms the end of a moving lever, the other end of which is in the form of a control foot, the bearing of which is in the form of a dog which engages the groove of the lever and presses the control foot outwards in the control track by means of a flat spring. The above permits in a simple and secure manner smaller knitting sizes on knitting than for all other conventionally applied techniques.

IPC 1-7
D04B 35/02; D04B 39/00

IPC 8 full level
D04B 35/02 (2006.01); **D04B 35/06** (2006.01); **D04B 39/00** (2006.01)

CPC (source: EP KR US)
D04B 35/02 (2013.01 - EP KR US); **D04B 35/06** (2013.01 - EP US); **D04B 39/00** (2013.01 - EP US)

Citation (search report)
See references of WO 02072936A2

Cited by
EP3702506A1; EP3779009A1; EP3702505A1

Designated contracting state (EPC)
DE FR GB IT TR

DOCDB simple family (publication)
WO 02072936 A2 20020919; WO 02072936 A3 20021212; BR 0208059 A 20040302; CN 100436686 C 20081126; CN 1545579 A 20041110;
CZ 20032149 A3 20040114; DE 10152856 C1 20030424; EP 1368520 A2 20031210; EP 1368520 B1 20130109; JP 2004532359 A 20041021;
KR 100627534 B1 20060921; KR 20030090671 A 20031128; US 2004093910 A1 20040520; US 6895784 B2 20050524

DOCDB simple family (application)
DE 0200866 W 20020312; BR 0208059 A 20020312; CN 02806407 A 20020312; CZ 20032149 A 20020312; DE 10152856 A 20011101;
EP 02750519 A 20020312; JP 2002572180 A 20020312; KR 20037011992 A 20030915; US 47013203 A 20030723