

Title (en)

IMPROVED KNITTING NEEDLE AND METHOD FOR PRODUCING A CIRCULAR KNITTING NEEDLE

Title (de)

VERBESSERTE STRICKNADEL SOWIE VERFAHREN ZUR HERSTELLUNG EINER RUNDSTRICKNADEL

Title (fr)

AIGUILLE À TRICOTER AMÉLIORÉE ET PROCÉDÉ POUR FABRIQUER UNE AIGUILLE À TRICOTER CIRCULAIRE

Publication

**EP 3347514 A1 20180718 (DE)**

Application

**EP 16760458 A 20160901**

Priority

- DE 102015115278 A 20150910
- EP 2016070601 W 20160901

Abstract (en)

[origin: WO2017042084A1] The invention relates to an improved knitting needle (10) having at least one needle tip (11) and a shank (12) on which the knitting can be at least regionally arranged. Also provided is a gripping region (13) which is arranged on the shank (12) in the vicinity of the needle tip (11) and which has a round cross section, wherein the gripping region (13) can be gripped by a user during knitting. The knitting needle (10) itself narrows along its length (15) from the shank (12) in the direction of the needle tip (11). The invention proposes that the needle tip (11) itself be designed in a rounded manner and that a droplet-shaped thickening, namely a retrieval droplet (20), be attached thereto, the latter having a smaller diameter than the shank (12). The transition between the shank (12) and the narrowed portion (14) and between the narrowed portion (14) and the retrieval droplet (20) is formed without edges and with little frictional resistance. The invention also relates to a method for producing such a knitting needle (10). In said method, the knitting needle (10) is designed as a circular knitting needle (40), wherein, during the production of the circular knitting needle (40), the cord (41) is overmoulded with the material of the shank (12).

IPC 8 full level

**D04B 3/02** (2006.01)

CPC (source: EP KR RU US)

**D04B 3/02** (2013.01 - EP KR RU US)

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)

**WO 2017042084 A1 20170316**; AU 2016320243 A1 20180412; AU 2016320243 B2 20210812; CA 2996433 A1 20170316; CN 107923090 A 20180417; CN 107923090 B 20210406; DE 102015115278 A1 20170316; DK 3347514 T3 20190527; EP 3347514 A1 20180718; EP 3347514 B1 20190313; ES 2730799 T3 20191112; HK 1248290 A1 20181012; JP 2018532894 A 20181108; JP 6842459 B2 20210317; KR 102580769 B1 20230919; KR 20180050403 A 20180514; MX 2018002312 A 20180528; MY 191452 A 20220628; RU 2018112502 A 20191010; RU 2018112502 A3 20191029; RU 2710625 C2 20191230; US 10106922 B2 20181023; US 2018216265 A1 20180802

DOCDB simple family (application)

**EP 2016070601 W 20160901**; AU 2016320243 A 20160901; CA 2996433 A 20160901; CN 201680052307 A 20160901; DE 102015115278 A 20150910; DK 16760458 T 20160901; EP 16760458 A 20160901; ES 16760458 T 20160901; HK 18107468 A 20180608; JP 2018512895 A 20160901; KR 20187010033 A 20160901; MX 2018002312 A 20160901; MY PI2018700652 A 20160901; RU 2018112502 A 20160901; US 201615747155 A 20160901