

Title (en)

KNITTING NEEDLE-GUIDING MEMBER, KNITTING NEEDLE, KNITTING METHOD, KNIT FABRIC AND GLOVES

Title (de)

STRICKNADELFÜHRUNGSELEMENT, STRICKNADEL, STRICKVERFAHREN, STRICKSTOFF UND HANDSCHUHE

Title (fr)

ÉLÉMENT DE GUIDAGE D'AIGUILLE À TRICOTER, AIGUILLE À TRICOTER, PROCÉDÉ DE TRICOTAGE, TRICOT ET GANTS

Publication

EP 2578733 A4 20140514 (EN)

Application

EP 11789764 A 20110530

Priority

- JP 2010129174 A 20100604
- JP 2011062398 W 20110530

Abstract (en)

[origin: EP2578733A1] Provided is a technique for significantly increasing the density of knitted stitches in an easy and economical manner without having to largely modify a configuration of a knitting machine, and obtaining a thin knit fabric with an excellent texture. In a knitting needle-guiding member of a knitting machine that knits a knit fabric by guiding knitting needles so as to reciprocate along a plurality of aligned needle grooves, the knitting needles having one or more hooks are arranged singly or plurally in an overlapping manner in each of the knitting needles, whereby at least two hooks integrally operating are included in one needle groove.

IPC 8 full level

D04B 15/82 (2006.01); **D04B 1/28** (2006.01); **D04B 7/34** (2006.01); **D04B 15/10** (2006.01); **D04B 35/02** (2006.01)

CPC (source: EP KR)

D04B 1/108 (2013.01 - EP); **D04B 1/28** (2013.01 - EP KR); **D04B 7/34** (2013.01 - EP KR); **D04B 15/10** (2013.01 - EP); **D04B 15/70** (2013.01 - EP); **D04B 15/82** (2013.01 - KR); **D04B 35/02** (2013.01 - KR); **D04B 35/04** (2013.01 - EP); **D04B 35/08** (2013.01 - EP)

Citation (search report)

- [XYI] US 3115760 A 19631231 - PIERCE PENN W
- [XYI] GB 321164 A 19291029 - HENRY HAROLD HOLMES, et al
- [XYI] US 2312903 A 19430302 - WALTER HIRT, et al
- [XYI] US 1418345 A 19220606 - WITHERELL EARL M
- [XI] DE 2932207 B1 19810226 - SCHIEBER UNIVERSAL MASCHF
- [YA] GB 283691 A 19280119 - GODFREY STIBBE
- See references of WO 2011152361A1

Cited by

EP3581691A1; EP3124663A1; EP3124664A1; CN108026676A; US2019003090A1; US10934642B2; WO2017017138A1; WO2017017145A1; WO2020213016A1

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 2578733 A1 20130410; **EP 2578733 A4 20140514**; CN 102947498 A 20130227; JP 2012012757 A 20120119; KR 20130119855 A 20131101; WO 2011152361 A1 20111208

DOCDB simple family (application)

EP 11789764 A 20110530; CN 201180027581 A 20110530; JP 2011062398 W 20110530; JP 2011120971 A 20110530; KR 20127034444 A 20110530