

Title (en)

Slit yarn knitting method in circular knitting machine, apparatus therefor and knit fabric

Title (de)

Spaltgarnstrickverfahren in Rundstrickmaschinen, Vorrichtung dafür und Maschenware

Title (fr)

Procédé de tricotage de fil à fente dans une machine à tricoter circulaire, appareil correspondant et étoffe

Publication

EP 2639348 A1 20130918 (EN)

Application

EP 13158186 A 20130307

Priority

JP 2012055415 A 20120313

Abstract (en)

A method for knitting a slit yarn made of a sheet-like raw material and having a width of several millimeters by a knitting machine while covering a core yarn with the slit yarn, an apparatus used therefor and a knit fabric obtained thereby are provided. A slit yarn feeding device is provided for feeding a slit yarn (SY), separately from a yarn feeding device for feeding a core yarn (CY). A covering means (80) for wrapping the core yarn (CY) in the slit yarn (SY) is provided between the slit yarn feeding device and a knitting portion (50). Also provided is a guide means (12, 61, 63) for guiding the slit yarn (SY) from the slit yarn feeding device to the covering means (80) such that the slit yarn (SY) will not be twisted and will not crease, and a front and back thereof will not be inverted.

IPC 8 full level

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CPC (source: EP)

D04B 1/16 (2013.01); **D04B 9/06** (2013.01); **D04B 15/80** (2013.01); **D04B 35/22** (2013.01); **D10B 2403/0114** (2013.01)

Citation (applicant)

- JP 2005023445 A 20050127 - KAYTAY KNIT INC
- JP 2005248407 A 20050915 - DIATEX KK
- JP 2010144288 A 20100701 - TOYOBO SPECIALTIES TRADING CO

Citation (search report)

- [XI] GB 1260956 A 19720119 - FORD MOTOR CO [GB]
- [X] US 3331222 A 19670718 - MARKS RONALD H

Cited by

CN114808260A

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)

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DOCDB simple family (application)

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