

Title (en)

KNIT PRODUCT AND A METHOD OF MAKING SAME

Title (de)

STRICKPRODUKT SOWIE VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

ARTICLE TRICOTÉ ET PROCÉDÉ POUR SON OBTENTION

Publication

EP 3714089 C0 20240417 (DE)

Application

EP 18807255 A 20181116

Priority

- DE 102017127319 A 20171120
- EP 2018081599 W 20181116

Abstract (en)

[origin: WO2019097008A1] The invention relates to a knitted product (21) and to a method for producing the same. The knitted product (21) is integrally produced on a knitting machine (10) by knitting a plurality of knitted layers (19). At least one first knitted layer (19a) and a second knitted layer (19b) are present in a functional section. Optionally, an intermediate knitted layer (19c) arranged therebetween can be provided. In the layers of the functional section (29), two electrode regions (30, 31) that are electrically separated from one another, and a coupling region (32) that electrically couples the two electrode regions (30, 31) are formed. The electrode regions (30, 31) are produced by using an electrically conductive thread (38) during the knitting of the respective region. The coupling region is designed to alter an electrical coupling between the two electrode regions (30, 31) depending on an external action.

IPC 8 full level

D04B 1/12 (2006.01)

CPC (source: EP)

D04B 1/12 (2013.01); **D04B 1/22** (2013.01); **D04B 1/28** (2013.01); **D10B 2403/023** (2013.01); **D10B 2403/02431** (2013.01)

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

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

WO 2019097008 A1 20190523; DE 102017127319 A1 20190523; DE 102017127319 B4 20220714; EP 3714089 A1 20200930; EP 3714089 B1 20240417; EP 3714089 C0 20240417

DOCDB simple family (application)

EP 2018081599 W 20181116; DE 102017127319 A 20171120; EP 18807255 A 20181116