

Title (en)

KNIT DESIGN SYSTEM AND KNIT DESIGN METHOD

Title (de)

STRICKDESIGNSYSTEM UND STRICKDESIGNVERFAHREN

Title (fr)

SYSTÈME DE CONCEPTION DE TRICOT ET PROCÉDÉ DE DESSIN DE TRICOT

Publication

EP 2921580 B1 20210929 (EN)

Application

EP 15159441 A 20150317

Priority

JP 2014054914 A 20140318

Abstract (en)

[origin: EP2921580A1] It is an object of the present invention to enable knitting of a knit fabric according to a directed size without performing trial knitting. Configuration: A knit design system (2) includes a color monitor (6), a manual input device (8), and a display controller (22) configured to perform display on the color monitor (6) and to interpret an input from the manual input device (8). The knit design system (2) is configured to output design data for designating stitch numbers, a stitch type, and connection relationship between stitches in a course direction and a wale direction of a knit fabric, based on inputs of shape data for defining a shape of the knit fabric, gauges of stitches in the course direction and the wale direction, and a knit structure. The knit design system (2) obtains calculation values of the size of a knit fabric after completion that vary depending on a knit structure, based on design data that is output or knit data, compares a directed size of the knit fabric with the calculation values of the size of the knit fabric, and corrects the shape data on the knit fabric, the design data, or the knit data so that a correction error is reduced.

IPC 8 full level

D04B 37/02 (2006.01)

CPC (source: EP KR)

D04B 1/24 (2013.01 - KR); **D04B 15/66** (2013.01 - KR); **D04B 37/02** (2013.01 - EP KR)

Cited by

GB2559567A; GB2559567B; EP3447178A4; US10626530B2; US11261548B2; EP3862473A1

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 2921580 A1 20150923; **EP 2921580 B1 20210929**; CN 104928839 A 20150923; CN 104928839 B 20171114; JP 2015175082 A 20151005; JP 6120792 B2 20170426; KR 101690526 B1 20161228; KR 20150108770 A 20150930

DOCDB simple family (application)

EP 15159441 A 20150317; CN 201510119370 A 20150318; JP 2014054914 A 20140318; KR 20150036598 A 20150317