

Title (en)

METHOD AND DESIGN SYSTEM FOR DETERMINING KNITTED ARTICLE GAUGE

Title (de)

VERFAHREN UND ENTWURFSSYSTEM ZUR BESTIMMUNG DER MASCHENDICKE VON STRICKWAREN

Title (fr)

PROCÉDÉ ET SYSTÈME DE CONCEPTION POUR DÉTERMINATION D'UNE JAUGE D'ARTICLE TRICOTÉ

Publication

EP 2305867 B1 20160601 (EN)

Application

EP 09773333 A 20090622

Priority

- JP 2009061322 W 20090622
- JP 2008174548 A 20080703

Abstract (en)

[origin: EP2305867A1] Disclosed is a method for determining the gauge of a knitted article 40, including the steps of: knitting a plurality of samples (12, 13, 14) that are smaller than the knitted article (40) and have different aspect ratios, by using a flat knitting machine (10); measuring the width and height of each of the samples (12, 13, 14); obtaining a correction function for correcting the size of stitches on the basis of the ratio between the measured width and height; and determining the number of knitting courses and the number of needles for each of parts of the knitted article 40, from the size of the stitches obtained from each sample (12, 13, 14), the obtained correction function, and target width and height of each of the parts of the knitted article 40. Accordingly, the number of knitting courses for the knitted article (40) can be determined easily and reliably.

IPC 8 full level

D04B 37/00 (2006.01)

CPC (source: EP)

D04B 37/02 (2013.01)

Cited by

EP2921581A1

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

EP 2305867 A1 20110406; EP 2305867 A4 20150304; EP 2305867 B1 20160601; CN 102084050 A 20110601; CN 102084050 B 20120613; JP 5595912 B2 20140924; JP WO2010001755 A1 20111215; WO 2010001755 A1 20100107

DOCDB simple family (application)

EP 09773333 A 20090622; CN 200980125737 A 20090622; JP 2009061322 W 20090622; JP 2010518998 A 20090622