

Title (en)

Apparatus and method for positioning textile articles

Title (de)

Vorrichtung und Verfahren zum Positionieren von Textilartikeln

Title (fr)

Appareillage et procédé pour le positionnement de produits manufacturés textiles

Publication

EP 0887453 A1 19981230 (FR)

Application

EP 98830301 A 19980518

Priority

IT FI970150 A 19970623

Abstract (en)

The fittings position textile hose products to a datum mark. The fittings comprise a structure (1) which has two pairs of cylindrical rollers (4). These lie parallel, one above the other, rotating on their longitudinal axes. The product is placed on them. The rollers are controlled by photodetectors (7) to detect a longitudinal datum on the product. This also controls momentary compressive adhesion of the corresponding fabric portion during pickup, at the surface of the fixed object (44) between each pair of rollers, by associated padded pistons (70). Also claimed is the method of positioning the hose (5) by rotating each product (5) around its own longitudinal axis, to locate a datum mark in correspondence with the reading axis of one or more photodetectors. Rotation is achieved by drawing the fabric inside the product.

IPC 1-7

D05B 23/00

IPC 8 full level

D05B 23/00 (2006.01); **A41B 11/14** (2006.01); **D06C 5/00** (2006.01)

CPC (source: EP US)

D05B 23/007 (2013.01 - EP US)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 097, no. 002 28 February 1997 (1997-02-28)

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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0887453 A1 19981230; EP 0887453 B1 20011212; DE 69802870 D1 20020124; DE 69802870 T2 20020814; IT 1293129 B1 19990211; IT FI970150 A0 19970623; IT FI970150 A1 19981223; JP H1112917 A 19990119; US 6132166 A 20001017

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