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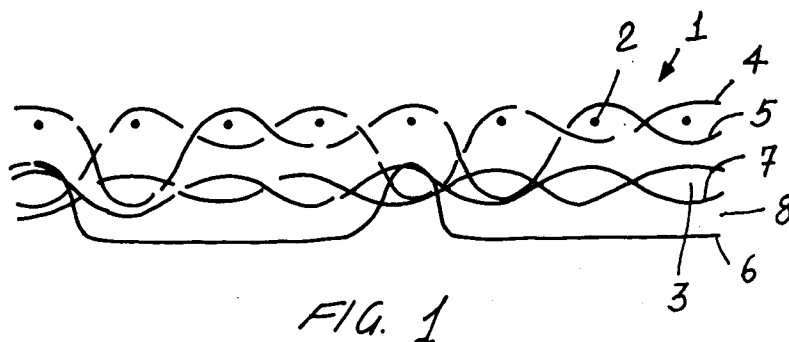
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I-20122 Milano(IT)(54) **Multiple warp and weft yarn jacquard-type fabric for furnishings.**

(57) There is disclosed a Jacquard fabric, for furnishings, of the type including a plurality of warp bodies and weft yarns, which is made by a simple weaving process. This furnishings fabric provides very attractive chromatic effects, which are obtained by properly weaving two weft yarns (2,3) only with five warp

yarns (4-8) or bodies. More specifically, the fabric is made starting from respectively bottom (2) and operating (3) weft yarns, therewith there are woven two bottom warp bodies (4,5) and three warp bodies (6-8) having different colours, the weft yarns advantageously comprising an antifire material.

**FIG. 1****EP 0 509 186 A1**

BACKGROUND OF THE INVENTION

The present invention relates to a multiple warp and weft yarn Jacquard fabric for furnishings.

As is known, in the furnishings field are advantageously used the so-called "Jacquard" fabrics, which are adapted to provide desired colour effects, and which are made by suitably weaving warp and weft yarns.

A typical example of such a fabric is the so-called "Gobelin" fabric, the characteristic "stitch" of which is made by using a plurality of warp bodies and three different weft yarns, one of which (the so-called small weft) has a well-defined part in forming the fabric weaving.

However, prior furnishings fabrics have a typical "granular" aspect which accelerates the wear of these fabrics upon rubbing.

Moreover, by using conventional fabric forming methods and systems, it is not possible to quickly modify the pattern to be obtained on a Jacquard type of fabric and the chromatic effect of said pattern.

SUMMARY OF THE INVENTION

Accordingly, the aim of the present invention is to overcome the above mentioned drawbacks, by providing a Jacquard type of fabric which is provided with a very high resistance against rubbing wear.

Within the scope of the above mentioned aim, a main object of the present invention is to provide such a Jacquard type fabric which also includes antifire characteristics.

Yet another object of the present invention is to provide such a Jacquard type fabric, for furnishings application, which can be easily made with two different colour variations.

According to one aspect of the present invention, the above mentioned aim and objects, as well as yet other objects, which will become more apparent hereinafter, are achieved by a Jacquard-type of fabric, for furnishings applications, of the type including a plurality of warp bodies and weft yarns, characterized in that said fabric is made by weaving two weft yarns with five warp bodies.

BRIEF DESCRIPTION OF THE DRAWINGS

Further characteristics and advantages of the Jacquard-type of fabric according to the present invention will become more apparent hereinafter from the following disclosure of a preferred, though not exclusive, embodiment of said fabric, the warp pattern whereof is illustrated, by way of a merely indicative example, in the figures of the accompanying drawing where:

Figure 1 illustrates the weaving of the bottom of a Jacquard-type of fabric according to the present invention; and

Figures 2 and 3 respectively show a possible pattern of the fabric according to the present invention.

DESCRIPTION OF THE PREFERRED EMBODIMENT

With reference to the figures of the accompanying drawing, the Jacquard-type fabric according to the present invention, which has been generally indicated at the reference number 1, can be made, according to the invention, by using two weft yarns only, respectively, a bottom weft yarn 2 and an operating weft yarn 3.

With the mentioned weft yarns 2 and 3 there are woven two bottom warp bodies 4 and 5 and three operating or coloured warp bodies 6, 7 and 8 having different colours, such as, for example, a red, blue and gold colour.

In this connection it should be pointed out that there are, at least preferably, provided 68.6 yarns/cm with 11x2 insertions/cm.

In a thus made fabric, the chromatic effects are practically obtained by only two weft yarns, thereby the overall weaving is closer to a so-called "double face" structure than a "Gobelin" structure, as it should be apparent to one skilled in the art from the drawing.

Thus, the fabric according to the invention, while preserving a granular aspect which is typical of a "Gobelin" weaving, is characterized by a particularly smooth surface, which can not be obtained from a conventional prior "Gobelin" weaving, which is, on the contrary, characterized by its typical "stitch".

The thus obtained fabric weaving, in particular, while providing the fabric with an aesthetical aspect like that of a "Gobelin" fabric, also provides novel characteristics which could not be obtained from a prior "Gobelin" weaving.

In particular, a fabric made according to the invention, has a very high rubbing wear resistance, since the fabric has a substantially "smooth" weaving surface.

Moreover, by using antifire weft yarns, it is also possible to provide a fabric having satisfactory antifire characteristics.

Such a characteristic, in particular, is due to a good "balancing" obtained in a warp/weft covering, which is typical of the subject weaving.

In this connection it is be furthermore pointed out that different colour variations can be easily made by exclusively changing the weft colours and with only two base chains (one for the clear variations and the other for the dark variations).

The fabric according to the invention is moreover very competitive, from a mere economic standpoint, with respect to prior fabric for furnishings applications made by conventional methods.

From the above disclosure it should be apparent that the invention fully achieves the intended aim and objects.

While the invention has been disclosed and illustrated with reference to a preferred embodiment thereof, it should be apparent that the disclosed embodiment is susceptible to several modifications and variations all of which will come within the spirit and scope of the appended claims.

Claims

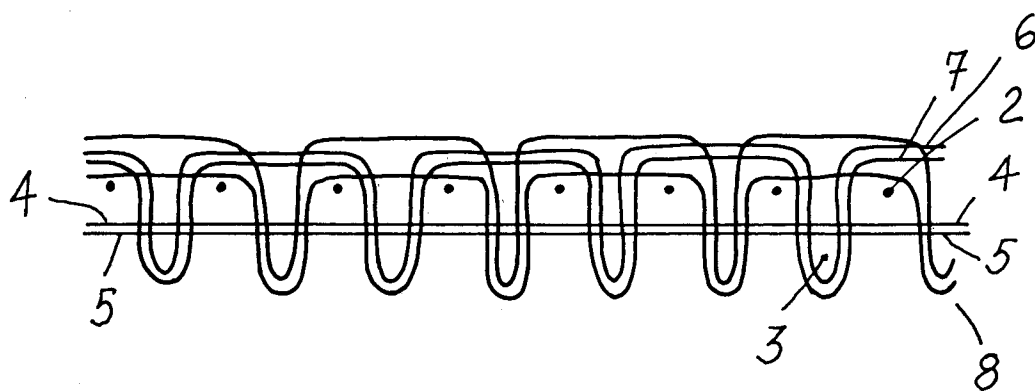
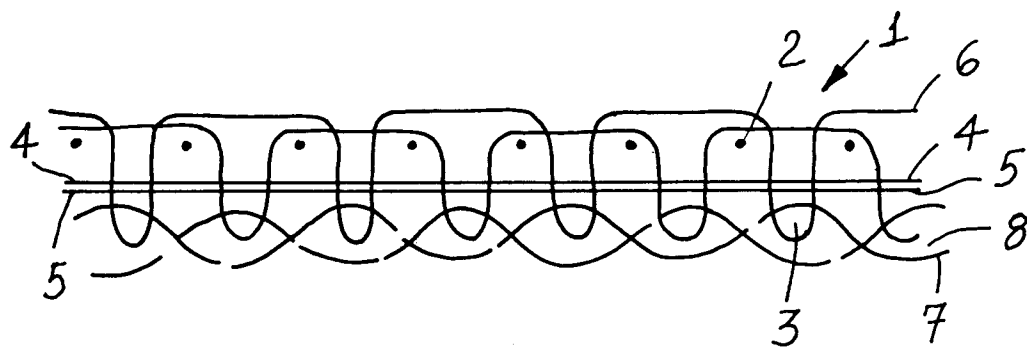
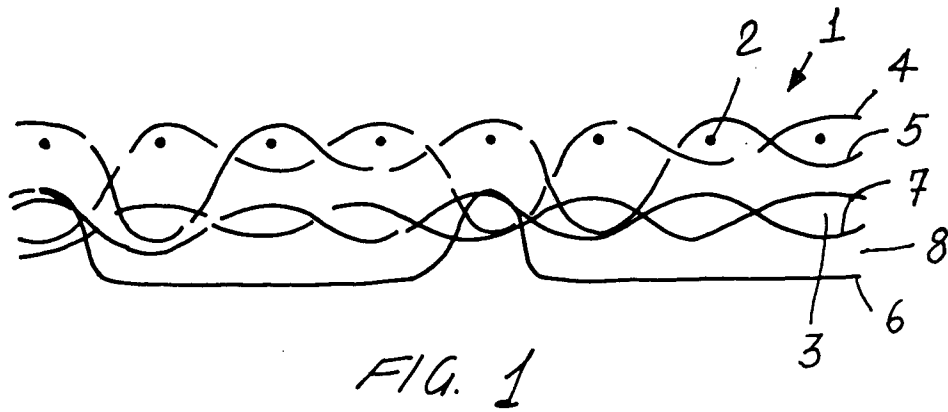
1. A Jacquard-type of fabric, for furnishings applications, of the type including a plurality of warp bodies and weft yarns, characterized in that said fabric is made by weaving two weft yarns with five warp bodies.
2. A Jacquard-type fabric, according to Claim 1, characterized in that said fabric comprises two weft yarns, that is a bottom weft yarn and an operating weft yarn, therewith there are woven two bottom warp bodies and three coloured warp bodies having different colours.
3. A fabric according to Claims 1 and 2, characterized in that said fabric comprises 68.6 yarns/cm with 11x2 insertions/cm.
4. A fabric according to one or more of the preceding claims, characterized in that said weft yarns comprise antfire weft yarns.

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EUROPEAN SEARCH REPORT

Application Number

EP 91 83 0347

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y	FR-A-2 455 645 (MOMOTARO YOKUKIN KOJO) * figure 1 *	1,2	D03D11/00

Y	GB-A-2 179 068 (FIRTH FURNISHINGS) * the whole document *	1,2	
A	---	4	

A	DE-C-635 902 (KULMBACHER) * figures 1-3 *	1	

			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			D03D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 15 JULY 1992	Examiner BOUTELEGIER C.H.H.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	