

Title (en)
SPARE KNITTED MATERIALS

Title (de)
RESERVESTRICKSTOFFE

Title (fr)
TRICOTS AVEC RESERVE

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Application
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Abstract (en)
[origin: WO02101135A1] The method serves for a novel two and/or three-dimensional patterning of knitted products, derived from traditional spare techniques. Spare techniques which arise as a result of ruffling, up to yet have been mainly applied to weaving technology and are labour intensive. The conversion to the knitting technique permits the machine-driven inclusion of the threads necessary for ruffling. In a knitted product threads are knitted in as tucks in a particular pattern during the production thereof. In a further step the knitted product is tightly gathered by means of the threads and then fibre-treated, such as for example, coloured, bleached or thermofixed. The points where the ruffling lies on the outside are subjected to the treatment and the appearance thereof is altered. The inner regions are protected by the tight gathering and thus remain untreated. A pattern is thus generated. With the thermofixing the material obtains a surface texture as a result of the gathering which remains of stable form dependent upon the material. A combination of various processes and thus of two and three-dimensional patterning is possible. Small variations occur in the relationship of the patterns as a result of the methods, in contrast to conventional industrially produced materials, which lends the material a handmade appearance. The invention further relates to a patterning of knitted products in the gathered state.

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