Title (en)
WOVEN FABRIC AND A METHOD FOR THE PRODUCTION THEREOF

Title (de)
GEWEBE UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
TISSU ET SON PROCEDE DE PRODUCTION

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Abstract (en)
[origin: WO03033795A1] The invention relates to a woven fabric, in which at least one of the intersecting yarn systems contains a differential shrinking yarn (C), which consists of at least one decorative component (A) that elongates irreversibly during thermal treatment and at least one shrinking component (B), which contracts during thermal treatment. The components (A) and (B) are interconnected by means of entangled knots. The number of entangled knots per metre of yarn (C) in the finished woven fabric corresponds to the number of yarns in the intersecting yarn system. The woven fabric is produced in such a way that the components of the differential shrinking yarn are interconnected by air entanglement and in the finished woven fabric contain Ymin>98+0.7x entangled knots. After the entanglement process, the unsized yarns are interwoven as a warp with a weft in such a way that the number of weft yarns in the finished woven fabric is (X). The woven fabric obtained in this manner is subsequently thermally treated.

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