

Title (en)

PROCESS FOR PRODUCING THREE-DIMENSIONAL KNITTED FABRICS AND TEXTILE MATERIAL THUS PRODUCED

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES DREIDIMENSIONALEN GESTRICKES UND TEXTILMATERIAL HERGESTELLT NACH DIESEM VERFAHREN

Title (fr)

PROCEDE DE FABRICATION D'UN TRICOT TRIDIMENSIONNEL ET MATIERE TEXTILE FABRIQUEE SELON CE PROCEDE

Publication

EP 0904440 B1 20020313 (DE)

Application

EP 97922858 A 19970418

Priority

- DE 9700792 W 19970418
- DE 19616005 A 19960418

Abstract (en)

[origin: DE19616005A1] A process is disclosed for producing a three-dimensional knitted fabric, i.e. a knitted fabric with a spatially shaped surface. A homogeneous, resistant and three-dimensional knitted structure is achieved by augmenting/diminishing the number of stitches in certain areas. The number of stitches is augmented/diminished at many spots which are uniformly distributed over the surface which is to be three-dimensionally shaped. In the same way, a three-dimensional knitted fabric may be produced by inactivating at least partially the knitting needles in the area to be shaped over at least one row of stitches (12, 14, 16), and later by reactivating them, while the stitches in other areas (18) continue to be knitted.

IPC 1-7

D04B 1/22

IPC 8 full level

D04B 1/00 (2006.01); **D04B 1/22** (2006.01)

CPC (source: EP US)

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Citation (examination)

Les textiles techniques; Thomas STOLL, Filière Maille N°30, November/Dezember 1994; Seiten bis 43

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