

Title (en)
THREE-DIMENSIONAL KNIT FABRIC, INTERLINING MATERIAL AND COMPLEX FABRIC

Title (de)
DREIDIMENSIONALE MASCHENWARE, EINLAGESTOFFE UND KOMPLEXE GEWEBE

Title (fr)
TRICOT TRIDIMENSIONNEL, MATÉRIAU D'ENTREDOUBLURE ET TISSU COMPLEXE

Publication
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Application
EP 05761808 A 20050725

Priority
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Abstract (en)
A three-dimensional knit fabric comprising a yarn constituting front and back knit layers and a connecting yarn composed of a monofilament, which connects the front and back knit layers, wherein the three-dimensional front and back knit layers are preferably composed only of a monofilament and at least one of the knit layers has a largest void with an area of 0.1 to 6 mm². By forming a laminate using the three-dimensional knit fabric as an interlining material, the three-dimensional knit fabric and the laminate do not settle even if they are used for a long time because their repeated compressive residual strain is low. Moreover, by using a laminate composed of a thick three-dimensional knit layer as an interlining material, lamination with a nonwoven fabric by a needle punch and entangling by spunlacing become possible, and therefore the laminate can be suitably used for a felt for papermaking, air filters, water squeezing materials and filter materials.

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