

Title (en)

Method for making spatial, one- or more layered knitted articles on a flat bed knitting machine

Title (de)

Verfahren zur Herstellung von räumlichen, ein- oder mehrflächigen Gestrickstücken auf einer Flachstrickmaschine

Title (fr)

Procédé pour la fabrication de tricot spatial à couche unique ou multiple dans un métier à tricoter rectiligne

Publication

EP 0874076 A3 19990929 (DE)

Application

EP 98104749 A 19980317

Priority

DE 19717415 A 19970425

Abstract (en)

[origin: EP0874076A2] The method makes three-dimensional, single- or multilayered knitted sections on a flatbed knitting machine. At least two needle beds and a knit hanging unit are used. In this novel approach the number of rows and their width, correspond with the required three-dimensional structure of the finished piece. Material and machine characteristics are also taken into account. The row succession and returns are selected such that the most uniform possible distribution of differing widths is achieved. The knit size is selected for each row, such that the desired geometric structure is obtained. Also claimed is a variety of three-dimensional knitted products. These have spherical regions, corners and edges. An example comprises a seamless spherical knit forming a helmet insert. Another is a concentric, connected formation of two tubes, which preferably includes a bend.

IPC 1-7

D04B 1/22

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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