

Title (en)

Manufacturing technology and equipment of vertically layered bulky textiles

Title (de)

Verfahren und Vorrichtung zur Herstellung von vertikal abgelegten bauschigen Textilien

Title (fr)

Procédé de fabrication et équipement pour la formation de textiles volumineux à partir de couches positionnées verticalement

Publication

**EP 1065307 A1 20010103 (EN)**

Application

**EP 00113666 A 20000628**

Priority

CZ 236699 A 19990629

Abstract (en)

The manufacturing process and equipment of bulky textile configurations by vertical layering of fabrics based on formation into folds vertical to product level and their pressing to a required density, where - according to the invention concept - in places of compacting of vertically layered bulky textiles to such a density, pressures forming flat fabric formation into folds cease to be applied by from place to place in jumps. The equipment for production of bulky textile configurations above consisting of fold forming body, which represents a rotating body (4) fitted with punches and identified by the fact that punch (2) containing bars (3) pass through radial grooves of discs (7) fixed to the driving shaft (11), which rotates the grooved discs (7) and, consequently, the bars (3) round the shaft (11) centre line and where the bars (3) are controlled by cams (8) influencing radially orientated movements of the bars (3).

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**D04H 1/74**

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