

Title (en)

FABRIC CONSISTING OF PLASTIC STRIPS, AND METHOD AND DEVICE FOR PRODUCING THE SAME

Title (de)

GELEGE AUS KUNSTSTOFFBÄNDCHEN SOWIE VERFAHREN UND VORRICHTUNG ZU DESSEN HERSTELLUNG

Title (fr)

TISSU CONSTITUE DE BANDELETTES DE PLASTIQUE, AINSI QUE PROCEDE ET DISPOSITIF POUR SA PRODUCTION

Publication

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Application

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Abstract (en)

[origin: WO2004081273A1] The invention relates to a method and a device for producing a fabric consisting of plastic strips, and to the fabric itself. Said method comprises the following steps: a) a transversal web (1) comprising transversal plastic strips (1a) which are connected beneath each other by means of a plastic layer (1b) is provided; b) pieces (1c) of the same length of the transversal web (1) are cut and transported to a assembly station (6), where the transversal pieces (1c) of web are introduced perpendicularly to the longitudinal direction of the transversal plastic strips thereof; c) a plurality of longitudinal plastic strips (8) are provided; d) the longitudinal plastic strips (8) are supplied parallel to the assembly station; and e) the longitudinal strips (8) are connected to supplied transversal strips (1c) of web at the assembly station (6) to form a fabric (11, 19), by introducing a plastic melt layer (10) between the longitudinal plastic strips (8) and the transversal pieces of web (1c) during the course thereof through the assembly station (6), and the plastic melt layer is then cooled such that the longitudinal direction of the longitudinal plastic strips (8) extends at an angle to the longitudinal direction of the plastic strips of the transversal pieces (1c) of web.

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