

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

**EP 1601827 B1 20070530 (DE)**

Application

**EP 04719329 A 20040311**

Priority

- AT 2004000085 W 20040311
- AT 3792003 A 20030311

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.

IPC 8 full level

**D04H 3/04** (2012.01); **D04H 13/00** (2006.01); **B31B 1/90** (2006.01)

CPC (source: EP KR US)

**D04H 13/00** (2013.01 - EP KR US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004081273 A1 20040923**; AT 413546 B 20060315; AT A3792003 A 20050815; AT E363561 T1 20070615; BR PI0408227 A 20060221; CA 2511577 A1 20040923; CN 1754017 A 20060329; DE 502004003959 D1 20070712; EP 1601827 A1 20051207; EP 1601827 B1 20070530; JP 2006519934 A 20060831; KR 20060038915 A 20060504; MX PA05009358 A 20051104; US 2005282696 A1 20051222

DOCDB simple family (application)

**AT 2004000085 W 20040311**; AT 04719329 T 20040311; AT 3792003 A 20030311; BR PI0408227 A 20040311; CA 2511577 A 20040311; CN 200480004845 A 20040311; DE 502004003959 T 20040311; EP 04719329 A 20040311; JP 2006503944 A 20040311; KR 20057016516 A 20050905; MX PA05009358 A 20040311; US 18133805 A 20050711