

Title (en)

DEVICE AND METHOD FOR FLAW LOCATION DETECTION IN FABRIC AND MARKINGS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR FEHLERSTELLENERKENNUNG IN GEWEBEN UND MARKIERUNG

Title (fr)

DISPOSITIF ET METHODE POUR L' IDENTIFICATION D'ERREURS DANS DES TISSUS ET LE MARQUAGE

Publication

EP 2438232 A2 20120411 (DE)

Application

EP 10722663 A 20100519

Priority

- EP 2010056922 W 20100519
- AT 8732009 A 20090605

Abstract (en)

[origin: WO2010139560A2] The invention relates to a device (1) for detecting flaws in a plastic woven fabric (10) made of monoaxially drafted polymer ribbons, in particular polyolefin ribbons, preferably polypropylene ribbons, wherein, in order to monitor irregularities which are characteristic of flawed sections (12) of the plastic woven fabric (10), an inspection camera (100) is provided for taking images of the plastic woven fabric, and an analysis unit (101) is provided, which detects irregularities in the weaving pattern of the plastic woven fabric (10) on the basis of the images taken by the inspection camera (100) and which, when detecting irregularities in the weaving pattern indicating a flawed section of the plastic woven fabric (10), triggers an error signal (102), which actuates, for example, a flashing light or a horn, or which can be fed to a higher-level machine controller (103). The invention further relates to a labeling device (110) for attaching labels (111) to the plastic woven fabric (1), wherein the labeling device (110) is actuated directly or indirectly by the error signal (102) in order to attach at least one label (111) to a flawed section (12).

IPC 8 full level

D06H 1/04 (2006.01)

CPC (source: EP US)

D06H 1/04 (2013.01 - EP US); **D06H 3/08** (2013.01 - EP US); **G01N 21/8983** (2013.01 - EP US); **G01N 2021/888** (2013.01 - EP US)

Citation (search report)

See references of WO 2010139560A2

Citation (examination)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

RS

DOCDB simple family (publication)

AT 508159 A4 20101115; AT 508159 B1 20101115; BR PI1012005 A2 20160510; CN 102459746 A 20120516; CO 6470860 A2 20120629; EP 2438232 A2 20120411; MA 33411 B1 20120703; MX 2011012731 A 20111216; RU 2011153735 A 20130720; RU 2532157 C2 20141027; US 2012133763 A1 20120531; WO 2010139560 A2 20101209; WO 2010139560 A3 20110407; ZA 201108751 B 20120725

DOCDB simple family (application)

AT 8732009 A 20090605; BR PI1012005 A 20100519; CN 201080025048 A 20100519; CO 11166836 A 20111205; EP 10722663 A 20100519; EP 2010056922 W 20100519; MA 34504 A 20120102; MX 2011012731 A 20100519; RU 2011153735 A 20100519; US 201013375978 A 20100519; ZA 201108751 A 20111129