

Title (en)
METHOD FOR GLUEING, HANDLING AND STORING DIE-CUT MATERIALS

Title (de)
VERFAHREN ZUM VERKLEBEN, HANDHABEN UND LAGERN VON GESTANZTEN MATERIALIEN

Title (fr)
PROCÉDÉ DE COLLAGE, DE MANIPULATION ET DE STOCKAGE DE MATÉRIAUX DÉCOUPÉS

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Application
EP 16809189 A 20161010

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Abstract (en)
[origin: WO2017064736A1] Method for glueing, handling and storing die-cut materials (C) comprising, in the order, the following steps: a lamination step, in which a die-cut material (C) is placed in contact with a transfer web (S) that is moved along a predetermined advancement direction (DS) and is laminated between two lamination rollers (EU, EL), the lamination rollers pressing the die-cut material on a surface of the transfer web (S) coated with glue such that the die-cut material is glued on a surface thereof contacting the transfer web (S); a detachment step, in which the glued die-cut material (C) is temporarily detached from the transfer web (S); a cleaning step, in which the glue external to the profile of the die-cut material (C) is removed from the transfer web (S); a storing step, in which the die-cut material (C) is positioned on the clean transfer web (S) from which the glue external to the profile of the die-cut material (C) has been removed; and wherein in said lamination step only the transfer web (S) and the die-cut material (C) pass between the lamination rollers (E); in said detachment step the die-cut material (C) is transferred from the transfer web (S) to one or more conveying belts (H) on which the die-cut material (C) remains until the execution of the storing step while the transfer web (S) is subjected to the cleaning step; in said storing step the die-cut material (C) is transferred from said one or more conveying belts (H) to the clean transfer web (S); the surface tension of the glue is greater in respect of the die-cut material (C) compared to the transfer web (S) and the conveying belts (S) such that the die-cut material (C) remains glued both when it is detached from the transfer web (S) and when it is transferred from the conveying belts (H) to the clean transfer web.

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