

Title (en)

A METHOD FOR MANUFACTURING A LAMINATED PAPER PRODUCT WITH INTEGRATED ELECTRONICS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES LAMINIERTEN PAPIERPRODUKTS MIT INTEGRIERTER ELEKTRONIK

Title (fr)

PROCÉDÉ DE FABRICATION D'UN PRODUIT EN PAPIER STRATIFIÉ DOTÉ D'UNE ÉLECTRONIQUE INTÉGRÉE

Publication

EP 3705306 A1 20200909 (EN)

Application

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Priority

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Abstract (en)

A method for manufacturing a laminated paper product (1) with integrated electronics, comprising:- providing a paper sheet (10);- printing image pairs (100) on a printing surface (11) of said paper sheet (10);- die cutting strips (110) from said paper sheet (10), thereby obtaining strips (110) each comprising two flaps (120), a first flap (121) comprising a set of images (101) from said image pairs (100) and a second flap (122) comprising the corresponding set of images (102) from said image pairs (100);- providing planar electronics (20) on an opposite surface (12) to said printing surface (11);- applying adhesive (30) on an opposite surface (12) to said printing surface (11);- folding each of said strips (110) along a respective fold line (13);- applying pressure; and- punching said laminated paper product (1).

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- EP 3269558 A1 20180117 - CARTAMUNDI TURNHOUT N V [BE]
- EP 0858061 A2 19980812 - GERMARK S A [ES]

Citation (search report)

[I] US 2015306897 A1 20151029 - LAMB MARK A [US], et al

Cited by

IT202100010964A1; WO2022229990A1

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