

Title (en)

A method of producing overwrap material, and a pack furnished with the material produced

Title (de)

Verfahren zur Herstellung von Umhüllungsmaterial und mit diesem Material versehene Packung

Title (fr)

Procédé de production d'un matériau de suremballage, et paquet doté du matériau produit

Publication

EP 1839845 B2 20141203 (EN)

Application

EP 07104905 A 20070326

Priority

IT BO20060214 A 20060329

Abstract (en)

[origin: EP1839845A1] Transparent outer wrappers for cigarette packets are prepared by advancing a continuous strip of overwrap material (1) along a given feed path (P) in a given direction (A), piercing a predetermined area (2) of the strip with a series of slits (4) spaced apart one from another and extending nominally transverse to the feed direction (A), and bonding a narrow ribbon (7) to the strip (1) along the predetermined area (2), aligned on at least one portion (4a) of the slits (4); the strip then passes under a blade (12) shaped so as to cut a series of "U" notches (10) spaced apart one from the next, each creating a pull tab (11) at the end of the ribbon (7), before being divided ultimately into leaves (13) by a pair of contrarotating cutter rollers (14) equipped with respective blades (14a). Each single leaf (13) serves as a wrapper (16) for a relative pack, fashioned so that when torn open by pulling the ribbon (7), the ribbon encounters the slit (4) and initiates two break lines (17) extending away from the ribbon (7) on either side to facilitate the removal of the wrapper (16) in its entirety.

IPC 8 full level

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CPC (source: EP US)

B65D 75/66 (2013.01 - EP US); **B65D 85/1027** (2013.01 - EP US); **B31B 50/16** (2017.07 - EP US); **B31B 50/8126** (2017.07 - EP US); **B31B 70/146** (2017.07 - EP US); **B31B 70/16** (2017.07 - EP US); **B31B 70/8123** (2017.07 - EP US)

Citation (opposition)

Opponent :

- GB 2135651 A 19840905 - TANI KANARI
- EP 1666376 A1 20060607 - PHILIP MORRIS PROD [CH]
- WO 2006058864 A1 20060608 - PHILIP MORRIS PROD [CH], et al
- DE 8715168 U1 19880121
- DE 68902046 T2 19930107 - EAUX MINERALES D EVIAN DES [FR]
- DE 2730025 A1 19790118 - ILSEMANN HEINO
- US 4676047 A 19870630 - MUTOH YOSHIYUKI [JP]

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WO2014132171A1; ITBO20130086A1; GB2499258A; CN104093554A; CN104093555A; AU2013220387B2; RU2636911C2; WO2013120898A1; IT202000032231A1; IT202000032222A1

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EP 1839845 A1 20071003; **EP 1839845 A8 20071219**; **EP 1839845 B1 20091028**; **EP 1839845 B2 20141203**; CN 101045344 A 20071003; DE 602007002937 D1 20091210; IT BO20060214 A1 20060628; JP 2007261689 A 20071011; JP 5242930 B2 20130724; US 2007228040 A1 20071004

DOCDB simple family (application)

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