Title (en)

Method and device for sealing a rip-off film to a packaging element

Title (de)

Verfahren und Vorrichtung zum Siegeln einer Aufreissfolie auf ein Verpackungselement

Title (fr)

Procédé et dispositif de scellement d'un film avec opercule à déchirer sur un élément d'emballage

Publication

EP 1990281 A3 20100331 (DE)

Application

EP 08007969 A 20080424

Priority

DE 102007022212 A 20070511

Abstract (en)

[origin: EP1990281A2] The method involves transporting a packaging element (12). The packaging element is moved by a sealing stroke transverse to a transportation direction (A) towards a stamp tool (28), which carries a tear-off foil, and is pressed at the foil. The packaging element is heated to a temperature required for subsequent sealing by a non-contact manner by a heating device (24) e.g. thermal radiator. The foil and the element are sealed together under the effect of heat. The tool is moved towards the element by a feed stroke executed counter to the sealing stroke during sealing. An independent claim is also included for a device for sealing a packaging element using a tear-off foil, comprising a conveyor device.

IPC 8 full level

B65B 7/16 (2006.01); **B29C 65/18** (2006.01)

CPC (source: EP US)

B65B 7/164 (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1990281 A2 20081112; **EP 1990281 A3 20100331**; **EP 1990281 B1 20110713**; AT E516206 T1 20110715; DE 102007022212 B3 20081218; DK 1990281 T3 20110926; ES 2369028 T3 20111124; PL 1990281 T3 20111230; PT 1990281 E 20110921; US 2008276572 A1 20081113; US 7841156 B2 20101130

DOCDB simple family (application)

EP 08007969 A 20080424; AT 08007969 T 20080424; DE 102007022212 A 20070511; DK 08007969 T 20080424; ES 08007969 T 20080424; PL 08007969 T 20080424; PT 08007969 T 20080424; US 11720808 A 20080508