

Title (en)

METHOD AND DEVICE FOR PRODUCING PACKS, ESPECIALLY CIGARETTE PACKS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN VON PACKUNGEN, INSBESONDERE ZIGARETTENPACKUNGEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FABRICATION DE PAQUETS, NOTAMMENT DE PAQUETS DE CIGARETTES

Publication

**EP 3003870 B1 20180808 (DE)**

Application

**EP 14729216 A 20140604**

Priority

- DE 102013009471 A 20130606
- EP 2014001507 W 20140604

Abstract (en)

[origin: WO2014195016A1] During the production of sealed (cigarette) packs an inner pack (12) is provided with a film envelope (13) surrounding the pack content (group of cigarettes (11)). The group of cigarettes (11) is partially surrounded by an inner collar (14) having a collar front wall (22). The film envelope is cut off from a tubular film (18) of a continuously fed web of film (17). The pack content - block of cigarettes (16) is fed by a block conveyor (27) which interlockingly fixes the blocks of cigarettes (16). In the region of the web of film (17) or the tubular film (18) a connection to the block of cigarettes (16) or to the inner collar (14) is established, namely by thermal joining, gluing or the like, such that the block of cigarettes is fixed in a precise relative position to the web of film (17) even once it has left the block conveyor (27).

IPC 8 full level

**B65B 19/02** (2006.01); **B65B 1/30** (2006.01); **B65B 9/067** (2012.01); **B65B 19/14** (2006.01); **B65B 51/30** (2006.01); **B65D 85/10** (2006.01)

CPC (source: EP)

**B65B 19/025** (2013.01); **B65B 19/14** (2013.01); **B65B 9/067** (2013.01); **B65B 51/306** (2013.01); **B65D 85/1027** (2013.01); **B65D 85/1036** (2013.01); **B65D 2205/02** (2013.01)

Citation (examination)

- US 2012241339 A1 20120927 - BUSE HENRY [DE], et al
- US 2009288371 A1 20091126 - SQUARZONI MICHELE [IT], et al
- WO 2013053408 A1 20130418 - FOCKE & CO [DE], et al
- EP 2874887 A1 20150527 - GD SPA [IT]

Citation (opposition)

Opponent : G.D S.p.A.

- US 2012241339 A1 20120927 - BUSE HENRY [DE], et al
- EP 1854725 A1 20071114 - GD SPA [IT]
- US 4092816 A 19780606 - SERAGNOLI ENZO

Designated contracting state (EPC)

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DOCDB simple family (publication)

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