

Title (en)

APPARATUS AND METHOD FOR HANDLING A TOBACCO POUCH-LIKE PACKAGING

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HANDHABUNG EINER TABAKBEUTELARTIGEN VERPACKUNG

Title (fr)

APPAREIL ET PROCEDE POUR LE TRAITEMENT D'UN PAQUET DU TYPE POCHETTE A TABAC

Publication

**EP 1456085 B1 20050914 (EN)**

Application

**EP 02785102 A 20021126**

Priority

- DK 0200790 W 20021126
- DK PA200101757 A 20011126
- DK PA200201573 A 20021014

Abstract (en)

[origin: WO03045786A1] There is disclosed a method and an apparatus for handling a packing 1 by filling, folding and winding of the packing. The apparatus 12 is structured modularly with a number of juxtaposed stations 13 in which there are provided modular operation units for filling, folding, application of glue, welding, embossing, winding and laying off of the packing. This occurs in a process where the packing 1 is fixed and secured to a conveyor belt 17 through and between handling process steps and the work stations 13 of the apparatus, as securing of the packing to the conveyor belt is provided. The securing may possibly occur by using vacuum acting through apertures 21 in the conveyor belt 17 covering vacuum chambers which via valve arrangement may be subjected to vacuum individually. The packing 1 is preferably a tobacco-pouch-like packing 1, where a flap 2 at a side edge 11 is provided with an adhesive strip 10 which can be used for a reopenable closing of the packing, as the flap is folded about folding lines 8, 9, whereby the adhesive strip is brought into abutment against a rear wall on the packing.

[origin: WO03045786A1] There is disclosed a method and an apparatus for handling a packing (1) by filling, folding and winding of the packing. The apparatus (12) is structured modularly with a number of juxtaposed stations (13) in which there are provided modular operation units for filling, folding, application of glue, welding, embossing, winding and laying off of the packing. This occurs in a process where the packing (1) is fixed and secured to a conveyor belt (17) through and between handling process steps and the work stations (13) of the apparatus, as securing of the packing to the conveyor belt is provided. The securing may possibly occur by using vacuum acting through apertures (21) in the conveyor belt (17) covering vacuum chambers which via valve arrangement may be subjected to vacuum individually. The packing (1) is preferably a tobacco-pouch-like packing (1), where a flap (2) at a side edge (11) is provided with an adhesive strip (10) which can be used for a reopenable closing of the packing, as the flap is folded about folding lines (8, 9), whereby the adhesive strip is brought into abutment against a rear wall on the packing.

IPC 1-7

**B65B 43/56**; **B65B 35/28**

IPC 8 full level

**B65B 43/46** (2006.01); **B65B 59/04** (2006.01)

CPC (source: EP)

**B65B 43/465** (2013.01); **B65B 59/04** (2013.01)

Cited by

EP2174872A1; DE102009013679A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**WO 03045786 A1 20030605**; AT E304478 T1 20050915; AU 2002350430 A1 20030610; DE 60206196 D1 20051020; DE 60206196 T2 20060629; DK 1456085 T3 20060130; EP 1456085 A1 20040915; EP 1456085 B1 20050914; ES 2252526 T3 20060516

DOCDB simple family (application)

**DK 0200790 W 20021126**; AT 02785102 T 20021126; AU 2002350430 A 20021126; DE 60206196 T 20021126; DK 02785102 T 20021126; EP 02785102 A 20021126; ES 02785102 T 20021126