

Title (en)

Device and method for manufacturing reclosable packagings

Title (de)

Vorrichtung und Verfahren zum Herstellen von Wiederverschliessbaren Verpackungen

Title (fr)

Appareil et procédé pour fabriquer des emballages refermables

Publication

EP 1442980 B1 20070808 (EN)

Application

EP 04075028 A 20040105

Priority

- NL 1022307 A 20030106
- NL 1023151 A 20030411

Abstract (en)

[origin: EP1442980A1] Form-fill-seal machine for making bag-shaped packagings for products, such as edible products, from a web of foil material, such as synthetic foil, the machine comprising a frame (2) having a stock of web of foil material (3) and a supply of the web of foil material in flat condition, and a form-fill unit positioned at a front side of the machine, wherein the form-fill unit comprises a form shoulder (13) for transforming the flat web of foil material into a foil tube, as well as a form-fill tube connecting to the form shoulder, having a vertical main plane of section, in which the machine furthermore comprises transverse sealing jaws (71) that are positioned below the lower end of the fill tube (14) for forming transverse seals in the foil tube and which are reciprocally moveable in a vertical plane perpendicular to the front side of the machine and the said vertical plane of section, the form shoulder being asymmetrically shaped for forming an overlap in the foil tube which extends to at least a short distance from or near the said vertical plane of section, wherein the machine is furthermore provided with first longitudinal sealing means (19) that are positioned at a first side, at one lateral side of the form tube, as considered from the front side of the machine, preferably at a short distance from or near the said vertical plane of section, for forming a first, severable longitudinal seal at the location of the overlap.

IPC 8 full level

B65B 9/20 (2012.01); **B65B 9/213** (2012.01); **B65B 59/04** (2006.01)

CPC (source: EP US)

B65B 9/2028 (2013.01 - EP US); **B65B 9/2042** (2013.01 - EP US); **B65B 9/213** (2013.01 - EP US); **B65B 51/06** (2013.01 - EP US); **B65B 51/26** (2013.01 - EP US); **B65B 51/303** (2013.01 - EP US); **B65D 33/18** (2013.01 - EP US); **B65B 59/04** (2013.01 - EP US); **B65B 2220/12** (2013.01 - EP US)

Cited by

US7523597B2; IT201700117793A1; FR2962717A1; EP3063071A4; CN107380560A; WO2019077532A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1442980 A1 20040804; **EP 1442980 B1 20070808**; AT E369284 T1 20070815; DE 602004007964 D1 20070920; DE 602004007964 T2 20080424; ES 2291805 T3 20080301; NL 1023151 C2 20040707; US 2004154271 A1 20040812

DOCDB simple family (application)

EP 04075028 A 20040105; AT 04075028 T 20040105; DE 602004007964 T 20040105; ES 04075028 T 20040105; NL 1023151 A 20030411; US 75090604 A 20040105