

Title (en)

A machine for packing products in envelopes

Title (de)

Maschine zur Verpackung von Produkten in Umschlägen

Title (fr)

Machine d'emballage de produits dans des enveloppes

Publication

**EP 2014555 A1 20090114 (EN)**

Application

**EP 08159514 A 20080702**

Priority

IT BO20070468 A 20070710

Abstract (en)

The machine comprises: folder means forming a vertically-developing continuous tubular package (1); first welding organs acting on vertical edges of the continuous tubular package (1) for closing the package (1); a first station (S1), situated below the folder means, in which second welding organs (20) operate, with a horizontal motion performed transversal of the continuous tubular package (1), to define consecutive envelopes (10); a second station (S2), underlying the first station (S1), in which the cutting organs (30) operate, with a horizontal motion which is transversal of the continuous tubular package (1) to separate an envelope (10\*) occupying a lowest position in a line of the envelopes (10); drawing organs (40), for gripping the lower flap (10A) of the lowest envelope (10\*) in the line, at the second station (S2), for determining a descent by a step (P) of the line of envelopes (10) and the continuous tubular package (1), in phase relation with the inoperative positions of the first welding organs and the second welding organs (20) as well as the cutting organs (30).

IPC 8 full level

**B65B 9/20** (2012.01); **B65B 9/213** (2012.01)

CPC (source: EP US)

**B65B 9/2014** (2013.01 - EP US); **B65B 9/213** (2013.01 - EP US); **B65B 51/303** (2013.01 - EP US); **B65B 61/28** (2013.01 - EP US)

Citation (search report)

- [X] GB 2061219 A 19810513 - BAKER PERKINS HOLDINGS LTD
- [A] DE 2901053 A1 19800724 - BOSCH GMBH ROBERT
- [A] JP H11165704 A 19990622 - SANKO KIKAI
- [A] JP S58125411 A 19830726 - KOMATSU MFG CO LTD

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 2014555 A1 20090114**; IT BO20070468 A1 20090111; US 2009013655 A1 20090115

DOCDB simple family (application)

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