

Title (en)

METHOD AND DEVICE FOR PRODUCING PACKAGED UNITS IN A TUBULAR BAG MACHINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON VERPACKUNGSEINHEITEN IN EINER SCHLAUCHBEUTELMASCHINE

Title (fr)

PROCÉDÉ ET DISPOSITIF PERMETTANT DE PRODUIRE DES UNITÉS D'EMBALLAGE DANS UNE ENSACHEUSE VERTICALE

Publication

EP 3003874 A1 20160413 (DE)

Application

EP 14729242 A 20140521

Priority

- DE 102013210633 A 20130607
- EP 2014060453 W 20140521

Abstract (en)

[origin: WO2014195135A1] The invention relates to a method and a device for producing packaged units in a tubular bag machine. Separated products (46, 47) are transferred to a portioning device (20) by means of a horizontal conveyor device (18) in order to produce portion units (21) with a defined arrangement and number of products, and the portion units, which are covered by a film web (34), are subsequently conveyed to a separating device by means of a vertical conveyor device (22) in order to separate the packaged units. The portioning device is used both to produce the portion units and to synchronize the portioning device with the horizontal conveyor device and the vertical conveyor device.

IPC 8 full level

B65B 9/20 (2012.01); **B65B 23/12** (2006.01); **B65B 35/44** (2006.01); **B65B 35/50** (2006.01)

CPC (source: EP US)

B65B 9/20 (2013.01 - EP US); **B65B 23/12** (2013.01 - EP US); **B65B 35/44** (2013.01 - EP US); **B65B 35/50** (2013.01 - EP US); **B65B 39/12** (2013.01 - US); **B65B 61/04** (2013.01 - US); **B65B 63/02** (2013.01 - US)

Citation (search report)

See references of WO 2014195135A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014195135 A1 20141211; CN 105307943 A 20160203; CN 105307943 B 20180330; DE 102013210633 A1 20141211; EP 3003874 A1 20160413; EP 3003874 B1 20170517; PL 3003874 T3 20171031; US 10227147 B2 20190312; US 2016114915 A1 20160428

DOCDB simple family (application)

EP 2014060453 W 20140521; CN 201480032614 A 20140521; DE 102013210633 A 20130607; EP 14729242 A 20140521; PL 14729242 T 20140521; US 201414895042 A 20140521