

Title (en)

METHOD AND INSTALLATION FOR ENVELOPING AN ITEM TO BE PACKAGED

Title (de)

VERFAHREN UND ANLAGE ZUR KUVERTIERUNG EINES ZU VERPACKENDEN GUTES

Title (fr)

PROCEDE ET INSTALLATION POUR METTRE SOUS ENVELOPPE UN ARTICLE A EMBALLER

Publication

EP 2601102 A1 20130612 (DE)

Application

EP 12774927 A 20120924

Priority

- DE 102011114152 A 20110923
- EP 2012003985 W 20120924

Abstract (en)

[origin: WO2013041240A1] The invention relates to a method for enveloping an item to be packaged, comprising the method steps of: (a) supplying the item to be packaged to a wrapping unit using a first supply unit, (b) cutting a packaging blank to size from a material that has been supplied, (c) supplying the packaging blank to the wrapping unit using a second supply unit, (d) bringing the item to be packaged and the packaging blank together in said wrapping unit, and (e) using the wrapping unit to wrap the item to be packaged with said packaging blank, the item to be packaged and the packaging blank being supplied to the wrapping unit in a line and in opposite directions to one another, at least in one section. This method and such an installation should allow an item to be packaged in a particularly flexible, simple and fast manner with production costs and manufacturing times being kept low. In addition, the packaging blank comprises two side flaps, a base flap, and a closing flap, and the wrapping of the item to be packaged comprises the additional method steps of: e1) wrapping the item to be packaged by folding the side flaps, and by folding the base flap, in any order, e2) adhesion of the side flaps and the base flap, and e3) wrapping the item to be packaged by folding the closing flap.

IPC 8 full level

B65B 3/02 (2006.01); **B43M 5/04** (2006.01); **B65B 25/14** (2006.01); **B65B 35/24** (2006.01); **B65B 35/50** (2006.01); **B65B 41/02** (2006.01); **B65B 43/14** (2006.01); **B65B 65/00** (2006.01); **B65H 39/02** (2006.01); **B65H 39/06** (2006.01)

CPC (source: EP US)

B43M 5/042 (2013.01 - EP US); **B65B 3/025** (2013.01 - EP US); **B65B 11/004** (2013.01 - US); **B65B 25/14** (2013.01 - EP US); **B65B 35/24** (2013.01 - EP US); **B65B 35/50** (2013.01 - EP US); **B65B 41/02** (2013.01 - EP US); **B65B 43/145** (2013.01 - EP US); **B65B 49/00** (2013.01 - US); **B65B 61/26** (2013.01 - US); **B65B 65/003** (2013.01 - EP US); **B65H 39/02** (2013.01 - EP US); **B65H 39/06** (2013.01 - EP US)

Citation (search report)

See references of WO 2013041240A1

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

DOCDB simple family (publication)

DE 102011114152 A1 20130328; EP 2601102 A1 20130612; EP 2601102 B1 20140910; US 2014223860 A1 20140814; WO 2013041240 A1 20130328

DOCDB simple family (application)

DE 102011114152 A 20110923; EP 12774927 A 20120924; EP 2012003985 W 20120924; US 201214346596 A 20120924