

Title (en)

METHOD FOR PACKAGING PRODUCTS AND PACKAGING UNITS FOR CARRYING OUT THE METHOD

Title (de)

VERFAHREN ZUM VERPACKEN VON PRODUKTEN UND VERPACKUNGSANLAGE ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCÉDÉ POUR EMBALLER DES PRODUITS ET INSTALLATION D'EMBALLAGE POUR LA MISE EN OELIGUVRE DU PROCÉDÉ

Publication

**EP 2701978 B1 20160817 (DE)**

Application

**EP 12724889 A 20120427**

Priority

- DE 102011018839 A 20110427
- EP 2012001823 W 20120427

Abstract (en)

[origin: WO2012146385A2] In a method for packaging products, in particular hygiene products, in packaging bags (27), in which method, after introducing the products into the respective packaging bag (27), the end faces (34) thereof are folded by folding over the end flaps (48) formed in each case at the end faces by the side walls (40), and then welded, wherein the packaging bag (27) is guided, to weld the end faces (34) thereof, in a transport direction through a welding station (36), it is intended to ensure particularly high throughput and production rates and hence a particularly high production speed combined with high reliability. For this purpose, according to the invention, during the folding of the end faces (34), the rear end flap (48) as viewed in the transport direction of the packaging bag (27) is folded over by guiding a folding cam (54) past the packaging bag (27) in the transport direction at a higher speed as viewed in comparison to the transport speed of the packaging bag (27).

IPC 8 full level

**B65B 11/42** (2006.01); **B65B 35/44** (2006.01); **B65B 35/56** (2006.01)

CPC (source: EP KR)

**B65B 9/00** (2013.01 - EP); **B65B 11/42** (2013.01 - EP KR); **B65B 35/44** (2013.01 - EP KR); **B65B 35/56** (2013.01 - EP KR); **B65B 61/06** (2013.01 - EP)

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 102011018839 A1 20121031**; CN 103562072 A 20140205; CN 103562072 B 20160420; EP 2701978 A2 20140305; EP 2701978 B1 20160817; ES 2603195 T3 20170224; HU E032832 T2 20171128; KR 101625541 B1 20160530; KR 20140037857 A 20140327; PL 2701978 T3 20170228; PT 2701978 T 20161122; RS 55383 B1 20170331; WO 2012146385 A2 20121101; WO 2012146385 A3 20121220

DOCDB simple family (application)

**DE 102011018839 A 20110427**; CN 201280020537 A 20120427; EP 12724889 A 20120427; EP 2012001823 W 20120427; ES 12724889 T 20120427; HU E12724889 A 20120427; KR 20137031372 A 20120427; PL 12724889 T 20120427; PT 12724889 T 20120427; RS P20160998 A 20120427