

Title (en)

FOLDING UNIT FOR A PACKAGING ASSEMBLY AND PACKAGING ASSEMBLY COMPRISING A FOLDING UNIT

Title (de)

FALZEINHEIT FÜR EINE VERPACKUNGSANORDNUNG UND VERPACKUNGSANORDNUNG MIT EINER FALZEINHEIT

Title (fr)

UNITÉ DE PLIAGE POUR UN ENSEMBLE DE CONDITIONNEMENT ET ENSEMBLE DE CONDITIONNEMENT COMPRENANT UNE UNITÉ DE PLIAGE

Publication

EP 3566960 A1 20191113 (EN)

Application

EP 18171763 A 20180511

Priority

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Abstract (en)

There is described a folding unit (1) for a packaging assembly configured to form, seal and fold a plurality of pillow packs (3) containing a pourable product; the folding unit (1) defines an endless folding path (P) comprising an input station (I), at which the folding unit (1) receives the pillow packs (3), and an output station (O), at which fully-folded finished packages (2) exit the folding unit (1); the folding unit (1) comprises folding means configured to displace an end fin (8) of each respective pillow pack (3) from an unfolded configuration to a folded configuration; the folding means comprises at least one moving member (17) configured to cyclically advance along the folding path (P), and configured to move between a first position, in which it does not interact with the end fin (8), and a second position, in which it cooperates in contact with the end fin (8) and has completed displacement of the same from the unfolded configuration to the folded configuration; the moving member (17) is configured to move from the first position towards the second position while advancing from the input station (I) to the output station (O) and is configured to move from the second position towards the first position while advancing from the output station (O) to the input station (I).

IPC 8 full level

B65B 61/24 (2006.01); **B65B 1/00** (2006.01); **B65B 7/20** (2006.01)

CPC (source: EP)

B65B 1/00 (2013.01); **B65B 7/20** (2013.01); **B65B 61/24** (2013.01)

Citation (applicant)

EP 2586716 B1 20140806 - TETRA LAVAL HOLDINGS & FINANCE [CH]

Citation (search report)

- [XA] EP 3020642 A1 20160518 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- [AD] EP 2586716 A1 20130501 - TETRA LAVAL HOLDINGS & FINANCE [CH]

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)

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