

Title (en)

FOLDING UNIT AND PACKAGING ASSEMBLY COMPRISING A FOLDING UNIT

Title (de)

FALTEINHEIT UND VERPACKUNGSANORDNUNG MIT EINER FALTEINHEIT

Title (fr)

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

Publication

**EP 3566958 A1 20191113 (EN)**

Application

**EP 18171762 A 20180511**

Priority

EP 18171762 A 20180511

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); the folding unit (1) is configured to perform one or more folding operations on the pillow packs (3) so as to transform the pillow packs (3) into corresponding finished packages (2); the folding unit (1) comprises at least one moving unit (11) adapted to cyclically move along a folding path (P) and which has a receiving element (17a) for supporting one single pillow pack (3) and/or package (2) at a time from an input station (I) to an output station (O); the receiving element (17a) is configured to cooperate with a first end (50) of the package (2); the moving unit (11) comprises at least one retaining member (27) configured to cooperate with the package (2) and defining an abutment for a second end (60) of the package (2), opposite to the first end (50); the retaining member (27) is movably carried by the moving unit (11) at least between a first position, in which the retaining member (27) is detached from the package (2) and a second position, in which the retaining member (27) cooperates with the package (2) and defines the abutment for the second end (60); the retaining member (27) is movably carried by the moving unit (11) between the first position and the second position along a direction (C) transversal to the folding path (P).

IPC 8 full level

**B65B 43/52** (2006.01); **B65B 7/20** (2006.01); **B65G 47/00** (2006.01)

CPC (source: EP)

**B65B 7/20** (2013.01); **B65B 43/52** (2013.01)

Citation (applicant)

EP 2586719 B1 20150225 - TETRA LAVAL HOLDINGS & FINANCE [CH]

Citation (search report)

- [X] EP 2586719 A1 20130501 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- [Y] EP 2631188 A1 20130828 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- [Y] EP 2746170 A1 20140625 - 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)

**EP 3566958 A1 20191113**

DOCDB simple family (application)

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