

Title (en)

A PACKAGE FORMING UNIT FOR FORMING SEALED PACKAGES

Title (de)

VERPACKUNGSFORMUNGSEINHEIT ZUR FORMUNG VON VERSIEGELTEN VERPACKUNGEN

Title (fr)

UNITÉ DE FORMAGE D'EMBALLAGES POUR FORMER DES EMBALLAGES SCELLÉS

Publication

**EP 3498616 A1 20190619 (EN)**

Application

**EP 18210494 A 20181205**

Priority

EP 17207015 A 20171213

Abstract (en)

There is described a package forming unit (17) for forming packages (2) from an advancing tube (3) comprising at least one jaw assembly (18) for forming a respective package (2) from the advancing tube (3). The jaw assembly (18) comprises a pair (46) of interaction tabs (47) adapted to interact with the tube (3) for exerting a pulling force and being controllable between a first limit configuration and a second limit configuration and a cam follower (49) adapted to interact with a cam arrangement (50) and being coupled to the pair (46) of interaction tabs (47) for controlling the pair (46) of interaction tabs (47) between the first limit configuration and the second limit configuration. The cam arrangement comprises an initial cam portion (57) for controlling the pair (46) of interaction tabs (47) into the first limit configuration, the initial cam portion (57) having a guiding surface (58) for guiding the cam follower (49) so as to define the first limit configuration of the pair (46) of interaction tabs (47) and a delimiting surface (59) for limiting movement of the cam follower into a direction (D) transversal to and away from the guiding surface (58).

IPC 8 full level

**B65B 51/30** (2006.01); **B65B 9/20** (2012.01)

CPC (source: EP)

**B65B 9/207** (2013.01); **B65B 51/306** (2013.01); **B65B 55/027** (2013.01)

Citation (applicant)

WO 2005012102 A1 20050210 - TETRA LAVAL HOLDINGS & FINANCE [CH], et al

Citation (search report)

- [A] EP 0887265 A1 19981230 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- [A] EP 1832518 A1 20070912 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- [A] EP 2311738 A1 20110420 - TETRA LAVAL HOLDINGS & FINANCE [CH]

Cited by

US12043442B2; EP3943400A1; WO2022017745A1

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 3498616 A1 20190619**; CN 109941477 A 20190628; CN 210162289 U 20200320; WO 2019115315 A1 20190620

DOCDB simple family (application)

**EP 18210494 A 20181205**; CN 201811523476 A 20181213; CN 201822090550 U 20181213; EP 2018083668 W 20181205