

Title (en)

A PACKAGING APPARATUS FOR FORMING SEALED PACKAGES

Title (de)

VERPACKUNGSVORRICHTUNG ZUR FORMUNG VERSIEGELTER PACKUNGEN

Title (fr)

APPAREIL D'EMBALLAGE POUR FORMER DES EMBALLAGES SCELLÉS

Publication

EP 3738894 B1 20220615 (EN)

Application

EP 20169174 A 20200410

Priority

EP 19174541 A 20190515

Abstract (en)

[origin: EP3738894A1] There is described a packaging apparatus (1) for forming sealed packages (2) filled with a pourable product. The packaging apparatus (1) comprises a delimiting element (45) moveably arranged, in use, within a tube (3) and designed to divide the tube (3) in a first space (46) and a second space (47). The delimiting element (45) is arranged such that the delimiting element (45) is adapted to move along a first direction (D1) and a second direction (D2) being opposite to the first direction (D1) and the first direction (D1) and the second direction (D2) being substantially parallel to the tube (3) and between at least a first position and a second position. The delimiting element (45) comprises a main engagement portion (60) configured to abut against a main abutment portion (61) of a gas supply pipe (49) or a filling pipe (31) with the delimiting element (45) being in the first position. The main abutment portion (61) and/or the main engagement portion (60) are designed such that at least one opening (62) and/or at least one channel is present between the main abutment portion (61) and the main engagement portion (60) with the delimiting element (45) being in the first position.

IPC 8 full level

B65B 9/12 (2006.01); **B65B 31/04** (2006.01); **B65B 55/02** (2006.01); **B65B 55/10** (2006.01)

CPC (source: EP US)

B65B 9/12 (2013.01 - EP US); **B65B 31/045** (2013.01 - EP US); **B65B 55/027** (2013.01 - EP US); **B65B 55/103** (2013.01 - EP US)

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)

EP 3738894 A1 20201118; **EP 3738894 B1 20220615**; CN 113795426 A 20211214; CN 113795426 B 20230912; JP 2022532646 A 20220715; US 2022161954 A1 20220526; WO 2020229068 A1 20201119

DOCDB simple family (application)

EP 20169174 A 20200410; CN 202080033887 A 20200410; EP 2020060314 W 20200410; JP 2021568217 A 20200410; US 202017594260 A 20200410