

Title (en)

PACKAGING MACHINE FOR PRODUCING SEALED PACKAGES

Title (de)

VERPACKUNGSMASCHINE ZUR HERSTELLUNG VERSIEGELTER VERPACKUNGEN

Title (fr)

MACHINE D'EMBALLAGE POUR PRODUIRE DES EMBALLAGES SCELLÉS

Publication

EP 3575225 A1 20191204 (EN)

Application

EP 18175449 A 20180601

Priority

EP 18175449 A 20180601

Abstract (en)

There is described a packaging machine (1) for producing sealed packages (2) of a pourable product from a web (4) of packaging material comprising conveying means (5) for advancing the web (4) of packaging material along a web advancement path (P) at least to a tube forming station (6) at which the web (4) of packaging material is formed, in use, into a tube (3) and for advancing the tube (3) along a tube advancement path (Q), an isolation housing (12) having a main chamber (14) and an auxiliary chamber (15) arranged downstream from the main chamber (14) along the tube advancement path (Q), a tube forming and sealing device (16) at least partially arranged within the main chamber (14), a filling device (17) for filling the tube (3). The isolation housing (12) comprises a main passage (42) for allowing, in use, the passage of the tube (3) from the main chamber (14) into the auxiliary chamber (15) and an auxiliary passage (51) for allowing the passage of the tube (3) out of the auxiliary chamber (15). The packaging machine (1) further comprises at least one main seal assembly (43) being configured to seal, in use, the main passage (42) and at least one auxiliary seal assembly (52) configured to seal, in use, the auxiliary passage (51) .

IPC 8 full level

B65B 31/02 (2006.01); **B65B 9/12** (2006.01); **B65B 9/20** (2012.01); **B65B 9/207** (2012.01); **B65B 31/04** (2006.01); **B65B 51/26** (2006.01); **B65B 55/10** (2006.01)

CPC (source: EP)

B65B 9/12 (2013.01); **B65B 9/2028** (2013.01); **B65B 9/2049** (2013.01); **B65B 9/207** (2013.01); **B65B 31/02** (2013.01); **B65B 31/045** (2013.01); **B65B 51/26** (2013.01); **B65B 55/103** (2013.01)

Citation (search report)

- [A] EP 1790572 A1 20070530 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- [A] FR 2055707 A5 19710507 - ALPURA AG
- [A] CN 201800971 U 20110420 - SHANGHAI PRECISE LIGHT INDUSTRY EQUIPMENT CO LTD

Cited by

JP2021520319A

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 3575225 A1 20191204

DOCDB simple family (application)

EP 18175449 A 20180601