

Title (en)

Packaging unit for producing sealed packages of pourable food products from a tube of packaging material

Title (de)

Verpackungseinheit zum Herstellen von versiegelten Verpackungen für fließfähige Nahrungsmittel, aus schlauchförmigem Verpackungsmaterial

Title (fr)

Unit d'emballage pour la production d'emballages scellés contenant un produit alimentaire sous forme liquide, dans un matériau d'emballage tubulaire

Publication

**EP 1795447 A1 20070613 (EN)**

Application

**EP 05425878 A 20051212**

Priority

EP 05425878 A 20051212

Abstract (en)

There is described a unit (1, 1') for producing sealed packages of a pourable food product from a tube (2) of packaging material; the unit (1) has two forming members (20) movable cyclically between a first position, in which they cooperate with the tube (2) to control the volume of the packages being formed, and a second position, in which they are detached from the tube (2); the forming members (20) are pushed by elastic force to perform an operating stroke from one of the first and second positions to the other of the first and second positions; and the unit (1, 1') has retaining means (25, 25'), which cooperate with the forming members (20) during the operating stroke to oppose the elastic force and reduce dynamic stress at the end of the operating stroke.

IPC 8 full level

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

CPC (source: EP)

**B65B 51/303** (2013.01)

Citation (search report)

- [X] EP 1101700 A1 20010523 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- [X] EP 1526074 A1 20050427 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- [X] US 4580392 A 19860408 - LAGERSTEDT JAN [SE], et al
- [A] EP 0887263 A1 19981230 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- [A] EP 0992431 A1 20000412 - TETRA LAVAL HOLDINGS & FINANCE [CH]

Cited by

EP3241770A1; ES2429415A1; CN109071053A; WO2017190928A1; US10661924B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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