

Title (en)

Device for vacuum packaging, particularly of food products

Title (de)

Vorrichtung zur Vakuumverpackung, insbesondere von Nahrungsmitteln

Title (fr)

Dispositif pour l'emballage sous vide, en particulier de produits alimentaires

Publication

EP 2177438 A1 20100421 (EN)

Application

EP 09172585 A 20091008

Priority

IT TV20080131 A 20081017

Abstract (en)

A packaging device (1), particularly for food products or technical materials (2), which comprises a vacuum bell-shaped chamber (3) for packaging, particularly for packaging manually or automatically food products or technical materials (2), which can be inserted, by means of a loading surface that can move transversely, between longitudinally folded parts of a single-folded film (7) from an open side thereof and comprises thermal bonding or heat-sealing means for sealing, and at least one nozzle (18) for producing vacuum and/or for introducing the gas or mix. The nozzle (18) is of the type that can be extended/shortened as the width of the single-folded film (7) varies and is adapted to tighten and/or guide the single-folded film (7) upon a transverse movement thereof. The gas or mix is further injected proximate to the first folded longitudinal side (8) of the single-folded film.

IPC 8 full level

B65B 9/073 (2012.01); **B65B 31/02** (2006.01); **B65B 31/04** (2006.01); **B65B 59/00** (2006.01)

CPC (source: EP US)

B65B 9/073 (2013.01 - EP); **B65B 25/06** (2013.01 - EP); **B65B 31/02** (2013.01 - EP); **B65B 31/024** (2013.01 - EP); **B65B 31/043** (2013.01 - EP US); **B65B 59/001** (2019.04 - EP US); **B65B 59/003** (2019.04 - EP US)

Citation (applicant)

- EP 0603704 A1 19940629 - UNIONPACK IND LOHNVERPACKUNGS [DE]
- EP 0405718 A1 19910102 - HANAGATA KK [JP]
- EP 0832819 A1 19980401 - SCOLARO MAURO [IT], et al

Citation (search report)

- [A] EP 0832819 A1 19980401 - SCOLARO MAURO [IT], et al
- [A] US 3583888 A 19710608 - SHANKLIN FRANK GARRETT
- [A] WO 9631397 A1 19961010 - GRACE W R & CO [US], et al
- [A] US 4185443 A 19800129 - BUDZYN BOLESŁAW L [US]

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EP2487113A1; IT202000005158A1; CN104354912A; ITMI20121274A1; IT201900000905A1; WO2021181293A1; US9359092B2

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2177438 A1 20100421; **EP 2177438 B1 20120328**; AT E551264 T1 20120415; BR PI0904199 A2 20101109; CN 101723107 A 20100609; CN 101723107 B 20131023; CO 6270029 A1 20110420; ES 2382870 T3 20120614; IT 1391490 B1 20111223; IT TV20080131 A1 20100418; PL 2177438 T3 20120928; RU 2009138358 A 20110427; RU 2494943 C2 20131010

DOCDB simple family (application)

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