

Title (en)

A FORMING DEVICE AND METHOD FOR FORMING A PACK INTO A FINISHED PACKAGE, A FOLDING UNIT FOR FORMING SEALED PACKAGES OF POURABLE FOOD PRODUCTS.

Title (de)

VORRICHTUNG UND VERFAHREN ZUR FORMUNG EINER PACKUNG IN EINE FERTIGPACKUNG, FALTEINHEIT ZUR HERSTELLUNG VERSIEGELTER PACKUNGEN FÜR GIESSBARE LEBENSMITTELPRODUKTE

Title (fr)

DISPOSITIF DE FORMAGE ET PROCÉDÉ DE FORMAGE D'UN EMBALLAGE EN UN EMBALLAGE FINI, UNITÉ DE PLIAGE POUR FORMER DES EMBALLAGES SCELLÉS DE PRODUITS ALIMENTAIRES LIQUIDES

Publication

EP 3219631 B1 20181107 (EN)

Application

EP 16161232 A 20160318

Priority

EP 16161232 A 20160318

Abstract (en)

[origin: EP3219631A1] The invention relates to a forming device (42) for feeding along a forming path (B) a pack (3) which has at least one portion (6) to be folded into a finished package (2). The forming device (42) comprises a first surface (46a) and a second surface (46b) opposite to each other and adapted, in use, to cooperate respectively with a front wall (15) and a rear wall (10) opposite to each other of the pack (3) to be folded. The first surface (46a) comprises an at least partially concave forming section (8) adapted, in use, to cooperate with a top portion of the front wall (15) of the pack (3), such that an inward deformation of the top portion of the front wall (15) is prevented during forming of the pack (3). The invention also relates to a folding unit (1) for forming sealed packages (2) of pourable food products, to a method for forming a pack (3) which has at least one portion (6) to be folded into a finished package.

IPC 8 full level

B65B 59/00 (2006.01); **B65B 9/20** (2012.01); **B65B 59/04** (2006.01); **B65B 61/18** (2006.01); **B65B 61/24** (2006.01); **B65D 5/06** (2006.01);
B65D 5/74 (2006.01); B65B 55/10 (2006.01); B65B 61/28 (2006.01)

CPC (source: EP US)

B65B 9/2056 (2013.01 - EP); **B65B 43/10** (2013.01 - US); **B65B 59/003** (2019.04 - EP US); **B65B 59/04** (2013.01 - EP);
B65B 61/186 (2013.01 - EP US); **B65B 61/24** (2013.01 - EP US); **B65D 5/746** (2013.01 - EP US); **B65B 55/103** (2013.01 - EP);
B65B 61/28 (2013.01 - EP)

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 3219631 A1 20170920; EP 3219631 B1 20181107; CN 108602576 A 20180928; JP 2019508338 A 20190328; US 2019337659 A1 20191107;
WO 2017157699 A1 20170921

DOCDB simple family (application)

EP 16161232 A 20160318; CN 201780009975 A 20170303; EP 2017055087 W 20170303; JP 2018548429 A 20170303;
US 201716086024 A 20170303