

Title (en)
PACKAGING ASSEMBLY

Title (de)
VERPACKUNGSANORDNUNG

Title (fr)
ENSEMBLE DE CONDITIONNEMENT

Publication
EP 3882165 A1 20210922 (EN)

Application
EP 20163265 A 20200316

Priority
EP 20163265 A 20200316

Abstract (en)
A packaging assembly (1) comprising a carousel (2) provided with a plurality of processing stations arranged in succession, including a gripping station (3) in which respective gripping elements (4) receive at least one single product (P) with the interposition of a covering sheet (A) arranged in a U-shaped configuration in partial juxtaposition with the product (P) with two protruding free flaps (B), at least one covering and folding station (5), and a delivery station (5a) for delivering the product (P) to an outflow line. The gripping station (3) comprises at least two mutually opposite pushers (6), which are substantially aligned with a surface of the product (P), which is delimited by the two free flaps (B) of the sheet (A), when the product (P) is held by the gripping elements (4), the pushers (6) being movable between a first configuration of maximum mutual distance and a second configuration of substantial mutual abutment of the respective terminal fronts (7) with the interposition of the mutually juxtaposed flaps (B). At least one folding unit (8) is aligned with the lower surface of the terminal front (7) of at least one of the pushers (6), for folding the mutually juxtaposed flaps (B) onto themselves so as to define a folded seam (C).

IPC 8 full level
B65B 11/32 (2006.01); **B65B 25/00** (2006.01); **B65B 49/08** (2006.01)

CPC (source: EP)
B65B 11/32 (2013.01); **B65B 25/005** (2013.01); **B65B 49/08** (2013.01)

Citation (search report)
• [X] US 2276584 A 19420317 - MALHIOT CLARENCE J
• [IY] CH 426609 A 19661215 - SAPAL PLIEUSES AUTOMATIQUES [CH]
• [YA] WO 2007132330 A1 20071122 - AZIONARIA COSTRUZIONI ACMA SPA [IT], et al
• [A] WO 2007113752 A2 20071011 - M C AUTOMATIONS S R L [IT], et al

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

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