

Title (en)
PACKER MACHINE AND WRAPPING METHOD FOR THE PRODUCTION OF POUCHES, EACH CONTAINING A PORTION OF A LOOSE PRODUCT AND AN OBJECT

Title (de)
VERPACKUNGSMASCHINE UND VERPACKUNGSVERFAHREN ZUR HERSTELLUNG VON BEUTELN, DIE JEWEILS EINEN TEIL EINES LOSEN PRODUKTS UND EINEN GEGENSTAND ENTHALTEN

Title (fr)
MACHINE D'EMBALLAGE ET PROCÉDÉ D'EMBALLAGE POUR LA PRODUCTION DE SACHETS CONTENANT CHACUN UNE PARTIE D'UN PRODUIT EN VRAC ET UN OBJET

Publication
EP 4393827 A1 20240703 (EN)

Application
EP 23217865 A 20231219

Priority
IT 202200026889 A 20221227

Abstract (en)
A packer machine (6) and wrapping method for the production of pouches (1), each containing a portion (2) of a loose product and an object (3). A conveyor device (7) configured to advance one wrapping material band (8) along a packing path (P); a wrapping station (S1) arranged along the packing path (P) and where the wrapping material band (8) is wrapped to form a tubular wrap around a wrapping duct (14); a first feeding device (11) configured to feed the portions (2) into the wrapping duct (14) so that each portion (2) is separate from a prior portion (2) and from a following portion (2) by a corresponding gap (18); a second feeding device (12) configured to feed, in the wrapping duct (14), the objects (3) between two adjacent portions (2); a longitudinal sealing unit (9) to longitudinally seal the tubular wrap at an overlapping zone of the wrapping material band (8); and a transverse sealing unit (10) to transversely seal the tubular wrap so as to form an alternating succession of sealing zones and zones containing a portion (2) of loose product and an object (3) are provided for.

IPC 8 full level
B65B 1/10 (2006.01); **A24F 23/02** (2006.01); **B65B 37/08** (2006.01); **B65B 61/20** (2006.01)

CPC (source: EP)
B65B 1/10 (2013.01); **B65B 37/08** (2013.01); **B65B 61/20** (2013.01); **B65B 2210/06** (2013.01)

Citation (applicant)
WO 2008114128 A2 20080925 - AZIONARIA COSTRUZIONI ACMA SPA [IT], et al

Citation (search report)

- [AD] WO 2008114128 A2 20080925 - AZIONARIA COSTRUZIONI ACMA SPA [IT], et al
- [A] DE 202019001756 U1 20190509 - HOEFLIGER HARRO VERPACKUNG [DE]
- [A] EP 2910478 A1 20150826 - HARRO HÖFLIGER VERPACKUNGSMASCHINEN GMBH [DE]
- [A] WO 2007037962 A1 20070405 - REYNOLDS TOBACCO CO R [US], 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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

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