

Title (en)
ORIENTATION UNIT AND METHOD FOR CAUSING A CHANGE IN ORIENTATION OF A PARALLELEPIPED-SHAPED ARTICLE IN A PACKING MACHINE

Title (de)
AUSRICHTUNGSEINHEIT UND METHODE ZUR AUSRICHTUNGS ÄNDERUNG EINES PARALLELEPIPEDONFÖRMIGE BEHÄLTER IN EINE VERPACKUNGSMASCHINE

Title (fr)
DISPOSITIF D'ORIENTATION ET METHODE POUR CHANGEMENT DE ORIENTATION D'OBJET REMPLIS DE FORME PARALLÉLÉPIPÉDIQUE DANS UNE MACHINE D'EMBALLAGE

Publication
EP 3222532 B1 20181219 (EN)

Application
EP 17162182 A 20170321

Priority
IT UA20161855 A 20160321

Abstract (en)
[origin: EP3222532A1] Orientation unit (16) and method for causing a change in orientation of a parallelepiped-shaped article (3) in a packing machine (12); the orientation unit (16) having: an input station (S1) in which the article (3) is oriented according to an input plane (A); an output station (S2) in which the article (3) is oriented according to an output plane (B); and an orientation drum (17) which can rotate around a rotation axis (18) and supports a parallelepiped-shaped pocket (19) which advances along an orientation path (P1) between the input station (S1) and the output station (S2); the rotation axis (18) of the orientation drum (17) is arranged obliquely, i.e. neither parallel nor perpendicular with respect to the input plane (A) and to the output plane (B) and/or the rotation axis (18) of the orientation drum (17) is arranged obliquely, i.e. neither parallel nor perpendicular with respect to the walls of the pocket (19).

IPC 8 full level
B65B 19/22 (2006.01); **B65B 35/56** (2006.01)

CPC (source: EP)
B65B 19/223 (2013.01); **B65B 35/56** (2013.01)

Citation (opposition)
Opponent : Focke & Co. (GmbH & Co. KG)
• EP 1394082 A2 20040303 - ISHIDA SEISAKUSHO [JP]
• EP 1889784 A1 20080220 - GD SPA [IT]
• DE 1556624 A1 19700226 - MOLINS MACHINE CO LTD
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• DE 102007009251 A1 20080828 - FOCKE & CO [DE]
• US 5765675 A 19980616 - DRAGHETTI FIORENZO [IT], et al
• EP 0816264 A1 19980107 - ROSE VERPACKUNGSMASCH [DE]
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• EP 2716555 A1 20140409 - GD SPA [IT]
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