

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).

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

Citation (opposition)  
Opponent : Focke & Co. (GmbH & Co. KG)  
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• EP 1889784 A1 20080220 - GD SPA [IT]  
• DE 1556624 A1 19700226 - MOLINS MACHINE CO LTD  
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• DE 102008041109 A1 20100211 - BOSCH GMBH ROBERT [DE]  
• US 2005163604 A1 20050728 - TRUYENS CARL [BE]  
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• WO 9914141 A1 19990325 - MOLINS PLC [GB], et al  
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