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 A1 20170927 (EN)

Application

EP 17162182 A 20170321

Priority

IT UA20161855 A 20160321

Abstract (en)

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 (applicant)

EP 2540626 A1 20130102 - GD SPA [IT]

Citation (search report)
- [A] EP 2540626 A1 20130102 - GD SPA [IT]
- [A] US 2009069102 A1 20090312 - KIM CHI HYUN [KR]

Cited by

IT202000024430A1; EP3725691A1; IT202000024433A1; EP4043350A1; IT202100002912A1; IT201900005956A1; DE102021126492A1; DE102021126496A1; EP3725691B1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (application)

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