

Title (en)
DYNAMIC SHAKING DEVICE FOR EMPTYING BAGS

Title (de)
DYNAMISCHE SCHÜTTLER-EINRICHTUNG ZUM ENTLEEREN VON SÄCKEN

Title (fr)
DISPOSITIF AGITATEUR DYNAMIQUE POUR LE VIDAGE DE SACS

Publication
EP 3409602 B1 20191106 (EN)

Application
EP 17174360 A 20170602

Priority
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Abstract (en)
[origin: EP3409602A1] The present invention refers to a dynamic shaking device for bags emptying. It has an inlet for the full bags (A), a discharge for the product contained inside the bags (B), and an outlet for the empty bags (C). The bags opening is made on the cutting zone by means of a cutting disc (2) with blade on the outer edge, located on the rotary shaft (1). This cutting disc is placed in a perpendicular direction in relation to the direction of the displacement of the bags. The present invention allows the simultaneous linear and circular motion as well as the motion in different planes of the bags to be emptied, since it has shakers composed of serpentine-shaped shaker elements (5), which may have central shafts (4). These shakers are arranged in parallel position in relation to the shafts (2) of the cutting zone. Shakers can be driven by motors (3).

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B65B 69/00 (2006.01)

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Cited by
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