

Title (en)
VIBRATING DEVICE FOR THE ORDERED REARRANGEMENT OF FOLDING BOXES IN A CONTAINER, DISCHARGE CONVEYOR AND METHOD FOR DISCHARGING CONTAINERS

Title (de)
SCHWINGUNGSVORRICHTUNG FÜR DIE GEORDNETE UMLAGERUNG VON FALTSCHACHTELN IN EINEM BEHÄLTER, FÖRDERBAND ZUM LEEREN UND VERFAHREN ZUM LEEREN DER BEHÄLTER

Title (fr)
DISPOSITIF VIBRATEUR POUR LE REARRANGEMENT ORDONNE DE BOITES PLIANTES DANS UN RECIPIENT, CONVOYEUR D'EVACUATION ET PROCEDE D'EVACUATION DE RECIPIENTS

Publication
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Application
EP 17723014 A 20170515

Priority
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• EP 2017025126 W 20170515

Abstract (en)
[origin: WO2017202499A1] A vibrating device (14) effects the orderly rearrangement of folding boxes (3) in a container (2) for a discharging conveyor (8), provided with drive members (12), the tops of which define a horizontal transport plane (S2). The device comprises: - a moving support (15) that is able to support a container (2) loaded with folding boxes (3), the support (15) having a contact surface (S1) intended to come into contact with the container (2), and - at least one controllable actuator (16a, 16b, 16c, 16d) having a movable end connected to the support (15) in order to be able to move the support (15) between: - a retracted position in which the contact surface (S1) is positioned below the horizontal transport plane (S2), allowing contact between the container (2) and the drive members (12), and - a deployed position in which the contact surface (S1) is positioned above the horizontal transport plane (S2), preventing contact between the container (2) and the drive members (12), the actuator (16a, 16b, 16c, 16d) also being configured to vibrate the support (15) about the deployed position in order to reorder the arrangement of the folding boxes (3) contained in the container (2).

IPC 8 full level
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