

Title (en)

APPARATUS FOR AUTOMATICALLY EMPTYING BAGS

Title (de)

VORRICHTUNG ZUR AUTOMATISCHEN ENTLEERUNG VON BEUTELN

Title (fr)

APPAREIL PERMETTANT DE VIDER AUTOMATIQUEMENT DES SACS

Publication

EP 1838582 B1 20150107 (EN)

Application

EP 05747588 A 20050607

Priority

- IL 2005000599 W 20050607
- IL 16470904 A 20041019

Abstract (en)

[origin: WO2006043261A1] An apparatus for emptying bags (14, 102, 192, 240) consisting of a gripping subunit (12, 90, 196, 242) employing a gripper, a bag slitting and emptying device (180, 202), a controller (220) and an optional container (194) for receiving bags debris. The gripper consists of a plurality of gripping elements (44, 46, 63, 72, 74, 76, 100) arranged in two arrays and a weighing means for weighing bags content. The gripping unit lifts the gripped bags and carries them to the bag slitting and emptying device. The emptying module includes a plurality of rotary blades (94, 162, 194) and rods aligned such the bags are slit and immediately emptied. A controller means optionally controls and integrates the activity of the various sub-systems.

IPC 8 full level

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CPC (source: EP)

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Cited by

EP3409602A1; EP3070014A1; CN110759107A; PL440040A1; EP3770072A1; US11292631B2; WO2019087067A1; WO2019087068A1; US11299310B2

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