

Title (en)

Container emptying apparatus

Title (de)

Vorrichtung zum Leeren von Behältern

Title (fr)

Appareil permettant de vider un récipient

Publication

EP 2644515 B1 20141119 (EN)

Application

EP 12161362 A 20120326

Priority

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Abstract (en)

[origin: EP2644515A1] Described herein is a method and apparatus for automatically emptying bottles (132, 134, 136, 138) from a crate (110) without the need for supporting each of the bottles (132, 134, 136, 138) during the process. A housing (140) is moved to surround and to engage with the crate (110) containing a plurality of bottles (132, 134, 136, 138). The housing (140) is closed to form an enclosure prior to being inverted. The enclosure is re-opened after inversion so that a base portion (112) of the crate (110) can be removed by an arm (170) leaving the bottles (132, 134, 136, 138) within the housing (140). The housing (140) is re-closed to form the enclosure and is then re-inverted prior to being re-opened to deposit the bottles (132, 134, 136, 138) on a delivery surface.

IPC 8 full level

B65B 21/22 (2006.01)

CPC (source: EP)

B65B 21/22 (2013.01); **B65B 69/00** (2013.01)

Cited by

JP2017043402A; CN109229673A; JP2022063985A; EP4206078A1; BE1030152B1; WO2022079959A1; WO2024059890A3; WO2024059890A2

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