

Title (en)
Closer

Title (de)
Verschließer

Title (fr)
Dispositif de fermeture

Publication
EP 2330071 B1 20131023 (DE)

Application
EP 10189245 A 20101028

Priority
DE 102009047543 A 20091204

Abstract (en)
[origin: EP2330071A2] The closure (V) has an upper part (O) is rotatably driven by a closure-drive motor (M) and supports a closure element (E). A container carrier (7) driven at a lower part (U) by the motor for transportation of a container (B). The upper part is height-adjustable relative to the lower part by the motor for adjusting different heights of the container. A coupling system (K) is alternatively switched between a drive function and an upper part-height adjusting function. The drive motor is designed as a transmission servo-motor.

IPC 8 full level
B67B 3/00 (2006.01); **B67B 3/28** (2006.01)

CPC (source: EP US)
B67B 3/00 (2013.01 - EP US); **B67B 3/28** (2013.01 - EP US)

Cited by
CN103625914A; CN110402232A; EP4191084A1; WO2018166690A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2330071 A2 20110608; EP 2330071 A3 20130522; EP 2330071 B1 20131023; CN 102107838 A 20110629; CN 102107838 B 20130410; DE 102009047543 A1 20110609; US 2011131923 A1 20110609; US 8656688 B2 20140225

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EP 10189245 A 20101028; CN 201010579443 A 20101203; DE 102009047543 A 20091204; US 95940710 A 20101203