

Title (en)

Apparatus for closing containers

Title (de)

Vorrichtung zum Verschliessen von Gefässen

Title (fr)

Dispositif pour fermer des récipients

Publication

EP 1424307 B1 20060329 (DE)

Application

EP 03023467 A 20031018

Priority

DE 20218523 U 20021129

Abstract (en)

[origin: EP1424307A1] An assembly fits and twist-shuts bottle screw-caps. Each bottle is raised in a holder (9) and presented to the closure twist-grip, and is subsequently lowered and ejected by an ejection rod (23). The bottle holder (9) and ejection rod (23) esp. share a common drive unit which is a lift-lowering rod (17).

IPC 8 full level

B67B 3/20 (2006.01); **B67B 3/06** (2006.01); **B67B 3/26** (2006.01); **B67B 3/28** (2006.01); **B67C 7/00** (2006.01)

CPC (source: EP)

B67B 3/2033 (2013.01); **B67B 3/268** (2013.01); **B67C 7/0073** (2013.01)

Cited by

US11802033B2; EP1630125A1; CN109292175A; EP1905728A1; CN101152951A; EP1659088A1; US11492242B2; US7325372B2; WO2014023683A3; US10214404B2; US11332354B2; US11242235B2; US11267683B2

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

DE 20218523 U1 20030306; DE 50302792 D1 20060518; EP 1424307 A1 20040602; EP 1424307 B1 20060329

DOCDB simple family (application)

DE 20218523 U 20021129; DE 50302792 T 20031018; EP 03023467 A 20031018