

Title (en)
Apparatus for applying closures to bottles or similar containers

Title (de)
Verschliessmaschine für Flaschen oder dergleichen Behälter

Title (fr)
Machine de bouchage de bouteilles ou récipients similaires

Publication
EP 1669321 A1 20060614 (DE)

Application
EP 05024980 A 20051116

Priority
DE 102004059478 A 20041210

Abstract (en)
The machine has a container support and a drivable sealing tool for bringing a seal by screwing, where the tool rotates by a drive. Fixing units (16) are provided at the support and abut with spring force produced by a compression spring against the underside of flanges of a bottle supported at a bottle carrier section during sealing of the bottle. The units have a fastening section by which the units are held at the support.

IPC 8 full level
B67B 3/20 (2006.01)

CPC (source: EP)
B67B 3/206 (2013.01)

Citation (search report)
• [XY] EP 1236674 A1 20020904 - SHIBUYA KOGYO CO LTD [JP]
• [Y] EP 0989089 A1 20000329 - TETRA PAK PLASTICS LTD [CH]
• [XA] FR 2849010 A1 20040625 - BERICAP [FR]
• [A] US 2004206047 A1 20041021 - BRADLEY GERALD R [US]

Cited by
CN107337168A; EP2439168A1; ITTO20100817A1; US11741775B2; WO2009068633A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1669321 A1 20060614; EP 1669321 B1 20080813; AT E404490 T1 20080815; DE 102004059478 A1 20060614;
DE 502005005012 D1 20080925; PL 1669321 T3 20090130

DOCDB simple family (application)
EP 05024980 A 20051116; AT 05024980 T 20051116; DE 102004059478 A 20041210; DE 502005005012 T 20051116; PL 05024980 T 20051116