

Title (en)

Method and device for closing containers with floor guide with distance measurements

Title (de)

Vorrichtung und Verfahren zum Verschließen von Behältnissen mit Abstandsmessungen

Title (fr)

Dispositif et procédé de fermeture de récipients à l'aide de mesures de distance

Publication

**EP 2338829 A3 20121226 (DE)**

Application

**EP 10195539 A 20101217**

Priority

DE 102009060625 A 20091222

Abstract (en)

[origin: EP2338829A2] The device (1) has a closure head (2) supporting a closure (12), which is rotated with respect to a container (10) by a rotation drive (4) i.e. servomotor. A distance determining device (14) determines distance between a mouth of the container and the closure in a longitudinal direction of the container during a closing process. A processor device (16) determines a closed state of the closure against the container. A pretensioning device (18) pretensions the closure in the longitudinal direction from the mouth of the container during the closing process. An independent claim is also included for a method for closing containers.

IPC 8 full level

**B67B 3/26** (2006.01)

CPC (source: EP)

**B67B 3/264** (2013.01)

Citation (search report)

- [X] EP 0571980 A2 19931201 - WILHELM BAUSCH ROLF STROEBEL S [DE]
- [E] WO 2011029617 A2 20110317 - CLOSURE SYSTEMS INTERNAT DEUTSCHLAND GMBH [DE], et al
- [A] JP 2001315895 A 20011113 - SHIROUMA SCIENCE CO LTD

Cited by

US11047676B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2338829 A2 20110629; EP 2338829 A3 20121226; EP 2338829 B1 20160302**; CN 102139848 A 20110803; CN 102139848 B 20141217; DE 102009060625 A1 20110630

DOCDB simple family (application)

**EP 10195539 A 20101217**; CN 201010620962 A 20101221; DE 102009060625 A 20091222