

Title (en)
CAPPING MACHINE AND METHOD FOR CLOSING RECEPTACLES

Title (de)
VERSCHLIESSMASCHINE UND VERFAHREN ZUM VERSCHLIESSEN VON BEHÄLTERN

Title (fr)
CAPSULEUSE ET PROCÉDÉ DE FERMETURE DE RÉCIPIENTS

Publication
EP 2475608 B1 20170201 (DE)

Application
EP 10765365 A 20100913

Priority
• DE 102009042109 A 20090911
• EP 2010005591 W 20100913

Abstract (en)
[origin: WO2011029617A2] A capping machine (1) for closing receptacles (13), in particular bottles, with caps (7) having a preformed internal thread (5) is disclosed. Said capping machine (1) at least comprises a capping head (3), a drive shaft (11), a drive (9), a shifting device (37), a sensor (19), and at least one control device (17). The capping machine (1) is characterized in that the at least one sensor (19) senses the position of the cap (7) relative to the receptacle (13) once the cap (7) has been placed on the receptacle (13), the shifting device (37) includes a comparing unit (33) in which the sensed position and the reference position (R) are compared, and the direction of rotation of the drive (9) is defined by the control device (17) via the shifting device (37) in accordance with the comparison.

IPC 8 full level
B67B 3/20 (2006.01)

CPC (source: EP US)
B67B 3/20 (2013.01 - EP US); **B67B 3/264** (2013.01 - EP US)

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2011029617 A2 20110317; WO 2011029617 A3 20111124; DE 102009042109 A1 20110407; EP 2475608 A2 20120718;
EP 2475608 B1 20170201; ES 2624275 T3 20170713; JP 2013504494 A 20130207; JP 5814240 B2 20151117; US 2012174536 A1 20120712

DOCDB simple family (application)
EP 2010005591 W 20100913; DE 102009042109 A 20090911; EP 10765365 A 20100913; ES 10765365 T 20100913;
JP 2012528280 A 20100913; US 201013395352 A 20100913