

Title (en)  
CLOSING MACHINE

Title (de)  
VERSCHLIESSMASCHINE

Title (fr)  
MACHINE DE FERMETURE

Publication  
**EP 2300352 A1 20110330 (DE)**

Application  
**EP 09757206 A 20090527**

Priority  
• EP 2009003755 W 20090527  
• DE 102008026632 A 20080604

Abstract (en)  
[origin: WO2009146823A1] Closing machine for closing bottles or similar containers (2) using closures (3, 3a), having a plurality of closing stations (11) which each have a closing tool (12, 14) and a container carrier and are formed on the circumference of a rotor (4), which can be driven in circulation around a vertical machine axis (MA), wherein the rotor (4) has formed on it, in the region of the closing stations (11), a sterile chamber (5) which is bounded in the direction of the surroundings by walls or wall portions (6, 7, 8, 9) and into which the containers (2), which are retained in a hanging state on the container carriers, extend by way of their container mouth (2.1) which is to be closed, and wherein the respective closing tool (12, 14) extends into the sterile chamber (5) merely by way of a part which interacts with the container (2) which is to be closed and/or with the closure (3, 3a), all the rest of its functional elements being arranged outside the sterile chamber (5).

IPC 8 full level  
**B67B 3/02** (2006.01); **B67B 3/20** (2006.01); **B67C 7/00** (2006.01)

CPC (source: EP US)  
**B67B 3/02** (2013.01 - EP US); **B67B 3/2033** (2013.01 - EP US); **B67C 7/0086** (2013.01 - EP US); **B67B 2201/08** (2013.01 - EP US); **B67C 2003/228** (2013.01 - EP US)

Citation (search report)  
See references of WO 2009146823A1

Cited by  
WO2016088005A1

Designated contracting state (EPC)  
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 TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**DE 102008026632 A 20080604**; EP 09757206 A 20090527; EP 2009003755 W 20090527; PL 09757206 T 20090527; SI 200930914 T 20090527; US 99438709 A 20090527