

Title (en)
FILLING MACHINE

Title (de)
FÜLLMASCHINE

Title (fr)
MACHINE DE REMPLISSAGE

Publication
EP 2928808 B1 20180620 (DE)

Application
EP 13794813 A 20131114

Priority
• DE 102012111748 A 20121204
• EP 2013003427 W 20131114

Abstract (en)
[origin: WO2014086459A1] The invention relates to a filling machine (1) for filling containers (2) with a filling material, comprising a rotor (3) which can be driven in rotation about a vertical machine axis (MA), a plurality of filling elements provided on the rotor (3), a closure element supporting ring (8) disposed coaxially with the machine axis (MA) having a plurality of closure elements (12) for closing the filling elements (5) on the underside thereof during cleaning and/or disinfection of the filling machine (1), wherein by relative movement of the closure element (8) and of the rotor (3) the closure elements (12) can be moved between a non-engaged state and an engaged state. For this purpose at least one locking device (15) is provided, by means of which a co-rotation of the closure element supporting ring (8) together with the rotor (2) for changing the closure elements (12) into the engaged state and back is controlled and locked.

IPC 8 full level
B67C 3/00 (2006.01)

CPC (source: EP US)
B67C 3/004 (2013.01 - EP US); **B67C 3/225** (2013.01 - 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 RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102012111748 A1 20140605; EP 2928808 A1 20151014; EP 2928808 B1 20180620; US 2015298954 A1 20151022;
US 9790073 B2 20171017; WO 2014086459 A1 20140612

DOCDB simple family (application)
DE 102012111748 A 20121204; EP 13794813 A 20131114; EP 2013003427 W 20131114; US 201314440986 A 20131114