

Title (en)
FILLING MACHINE

Title (de)
FÜLLMASCHINE

Title (fr)
MACHINE DE REMPLISSAGE

Publication
EP 2900590 A1 20150805 (DE)

Application
EP 13771391 A 20130926

Priority
• DE 102012019161 A 20120928
• EP 2013002889 W 20130926

Abstract (en)
[origin: WO2014048569A1] The invention relates to a filling machine for filling packaging means (2), in particular for the aseptic filling of packaging means (2) such as bottles or similar containers with a liquid filling material, comprising a transport element (3) which can be driven so as to revolve about at least one machine axis (MA) and having a plurality of filling positions (4) formed on the transport element (3), each position comprising at least one filling element (10) forming at least one dispensing opening (14) for the filling material and comprising rinsing caps (19.1) associated with the filling positions (4). For the aseptic filling process the filling positions (4) are provided in an annular enclosure or in an isolator (9).

IPC 8 full level
B67C 3/00 (2006.01)

CPC (source: EP US)
B67C 3/004 (2013.01 - EP US); **B67C 3/02** (2013.01 - US); **B67C 3/225** (2013.01 - US); **B67C 2003/228** (2013.01 - US);
B67C 2003/2694 (2013.01 - EP US)

Citation (search report)
See references of WO 2014048569A1

Cited by
EP4071103A1; IT202100008711A1

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)
WO 2014048569 A1 20140403; DE 102012019161 A1 20140403; EP 2900590 A1 20150805; EP 2900590 B1 20170830;
SI 2900590 T1 20171130; US 2015239722 A1 20150827; US 9522818 B2 20161220

DOCDB simple family (application)
EP 2013002889 W 20130926; DE 102012019161 A 20120928; EP 13771391 A 20130926; SI 201330788 T 20130926;
US 201314431897 A 20130926