

Title (en)
CONTAINER TREATMENT MACHINE

Title (de)
BEHÄLTERBEHANDLUNGSMASCHINE

Title (fr)
MACHINE DE TRAITEMENT DE RÉCIPIENTS

Publication
EP 3169457 A1 20170524 (DE)

Application
EP 15734618 A 20150629

Priority
• DE 102014110107 A 20140718
• EP 2015064673 W 20150629

Abstract (en)
[origin: WO2016008706A1] The invention relates to a container treatment machine for treating containers (36), comprising at least one transport element (24; 62; 104) which has container holders (28) and can be rotatably driven about an axis of rotation and with which the containers to be treated which are fed via a container inlet (34) can be conveyed to the treatment stations and to a container outlet (40) after treatment there. According to the invention, the transport element is pivotably arranged together with the container holders about a horizontal axis by means of a pivoting device (16; 106), wherein the container holders (28) can be pivoted by pivoting the transport element (24) between a feeding position with the container opening (38) upwards and a treatment position with the container opening downwards. According to the invention, the machine allows the simultaneous processing of a plurality of containers in the over-head position in a transport star.

IPC 8 full level
B08B 9/28 (2006.01); **B08B 9/30** (2006.01); **B08B 9/32** (2006.01)

CPC (source: EP US)
B08B 9/28 (2013.01 - EP US); **B08B 9/30** (2013.01 - EP US); **B08B 9/32** (2013.01 - EP US); **B08B 9/34** (2013.01 - US); **B08B 9/423** (2013.01 - US); **B08B 9/44** (2013.01 - US); **B67C 3/24** (2013.01 - US); **B67C 3/2642** (2013.01 - US); **B08B 2209/08** (2013.01 - US)

Citation (search report)
See references of WO 2016008706A1

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)
DE 102014110107 A1 20160121; **DE 102014110107 B4 20170406**; EP 3169457 A1 20170524; EP 3169457 B1 20200923; SI 3169457 T1 20201130; US 10494245 B2 20191203; US 2017166431 A1 20170615; WO 2016008706 A1 20160121

DOCDB simple family (application)
DE 102014110107 A 20140718; EP 15734618 A 20150629; EP 2015064673 W 20150629; SI 201531383 T 20150629; US 201515327136 A 20150629