

Title (en)

METHOD AND DEVICE FOR FLUSHING CONTAINERS

Title (de)

VERFAHREN SOWIE SYSTEM ZUM SPÜLEN VON BEHÄLTERN

Title (fr)

PROCEDE ET DISPOSITIF POUR RINCER DE RECIPIENTS

Publication

EP 3030513 B1 20191023 (DE)

Application

EP 14747873 A 20140722

Priority

- DE 102013108638 A 20130809
- EP 2014065717 W 20140722

Abstract (en)

[origin: WO2015018633A1] The invention relates to a method for flushing containers (2, 102) with a flushing gas prior to filling said containers using a treatment head (1, 1a, 104), on which the respective container is arranged in a sealed manner during the flushing process and via which the flushing gas is introduced into the container and the flushing gas and a gaseous and/or vaporous medium that is displaced by the flushing gas, for example air, is discharged from the container. The container is evacuated or the vacuum of a vacuum source (19, 130) is applied to the container prior to introducing the flushing gas.

IPC 8 full level

B67C 3/10 (2006.01)

CPC (source: EP RU US)

B08B 9/20 (2013.01 - EP US); **B08B 9/283** (2013.01 - EP US); **B67C 3/10** (2013.01 - EP RU US)

Citation (examination)

EP 1127835 A1 20010829 - KHS MASCH & ANLAGENBAU AG [DE]

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)

WO 2015018633 A1 20150212; DE 102013108638 A1 20150305; EP 3030513 A1 20160615; EP 3030513 B1 20191023;
RU 2016108024 A 20170914; RU 2635076 C2 20171108; SI 3030513 T1 20191231; US 2016194188 A1 20160707; US 9862584 B2 20180109

DOCDB simple family (application)

EP 2014065717 W 20140722; DE 102013108638 A 20130809; EP 14747873 A 20140722; RU 2016108024 A 20140722;
SI 201431401 T 20140722; US 201414911128 A 20140722