

Title (en)

CLEANING DEVICE AND METHOD FOR CLEANING CONTAINERS

Title (de)

REINIGUNGSVORRICHTUNG SOWIE VERFAHREN ZUM REINIGEN VON BEHÄLTERN

Title (fr)

DISPOSITIF DE NETTOYAGE ET PROCÉDÉ DE NETTOYAGE DE RÉCIPIENTS

Publication

**EP 3083087 A1 20161026 (DE)**

Application

**EP 14805843 A 20141127**

Priority

- DE 102013114383 A 20131218
- EP 2014075756 W 20141127

Abstract (en)

[origin: WO2015090888A1] A device for cleaning reusable casks (2), comprising at least one treatment head (3) which is connectable to a valve mechanism (4) of a reusable cask (2), which valve mechanism (4) has a first opening (5), connected to a central pipe (2.2) extending in the interior (2.1) of the reusable cask (2), and a second opening (6), connected directly to the interior (2.1) of the reusable cask (2), wherein the treatment head (3) is designed for delivering fluids, in particular cleaning and rinsing media, into the interior (2.1) of the reusable cask (2) to be cleaned and for removing the fluids from the reusable cask (2), and the treatment head is connected to a pump mechanism (7) by means of which the fluids are sucked out of the interior (2.1) of the reusable cask (2), wherein the pump mechanism (7) is connectable via a bypass line (15) to a valve mechanism (11.2, 11.2') delivering the fluids.

IPC 8 full level

**B08B 9/08** (2006.01)

CPC (source: EP US)

**B08B 5/04** (2013.01 - US); **B08B 9/0804** (2013.01 - EP US); **B08B 9/0813** (2013.01 - EP US); **B67D 1/07** (2013.01 - US); **B67D 1/0801** (2013.01 - US); **B67D 2001/0822** (2013.01 - US)

Citation (search report)

See references of WO 2015090888A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102013114383 A1 20150618**; **DE 102013114383 B4 20160407**; EP 3083087 A1 20161026; EP 3083087 B1 20210915; ES 2890674 T3 20220121; PL 3083087 T3 20220131; US 10252301 B2 20190409; US 2016318076 A1 20161103; WO 2015090888 A1 20150625

DOCDB simple family (application)

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