

Title (en)

Device and method for rinsing plastic containers

Title (de)

Vorrichtung und Verfahren zum Spülen von Kunststoffbehältnissen

Title (fr)

Procédé et dispositif de rinçage de récipients de matière plastique

Publication

EP 2532447 B1 20190508 (DE)

Application

EP 12171316 A 20120608

Priority

DE 102011106134 A 20110610

Abstract (en)

[origin: EP2532447A1] The apparatus has conveying device (2) that conveys plastic material container (10) along preset conveying path. Several spraying devices (4) act upon inner space of container with gaseous medium and are movable within the container. The gaseous medium reservoir is connected to the spraying devices through a connecting line. An ionizing unit (20) is arranged between reservoir and spraying devices to ionize centrally gaseous medium arriving at spraying devices. An independent claim is included for method for rinsing plastic material container.

IPC 8 full level

B08B 5/02 (2006.01); **B08B 5/04** (2006.01); **B08B 9/28** (2006.01); **B08B 9/32** (2006.01); **B08B 9/34** (2006.01)

CPC (source: EP US)

B08B 5/02 (2013.01 - EP US); **B08B 5/04** (2013.01 - EP US); **B08B 9/286** (2013.01 - EP US); **B08B 9/32** (2013.01 - EP US); **B08B 9/34** (2013.01 - EP US)

Cited by

CN112974445A; US10494245B2; WO2016008706A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2532447 A1 20121212; **EP 2532447 B1 20190508**; CN 102814303 A 20121212; CN 102814303 B 20160629; DE 102011106134 A1 20121213; DE 102011106134 B4 20210624; SI 2532447 T1 20190830; US 2012312330 A1 20121213; US 9387523 B2 20160712

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EP 12171316 A 20120608; CN 201210189578 A 20120608; DE 102011106134 A 20110610; SI 201231631 T 20120608; US 201213490664 A 20120607