Title (en)

Device for closing filled containers with a closing stopper

Title (de)

Vorrichtung zum Verschliessen von mit einem Füllgut befüllten Behältern mit Verschlussstopfen

Title (fr)

Dispositif pour fermer des récipients remplis, avec un bouchon de fermeture

Publication

EP 1094003 B1 20030129 (DE)

Application

EP 00121626 A 20001004

Priority

DE 29918679 U 19991023

Abstract (en)

[origin: EP1094003A1] The arrangement includes a fastener plug, and an evacuation arrangement (13) connected by means of a vacuum conductor (31) with a vacuum source (30) and in sealed contact with an upper side of the containers for evacuating a container headroom. The vacuum conductor is connectable with a cleaning- and/or sterilization medium source (63,64,65) for cleaning and sterilizing the evacuation arrangement and parts (32,34) of the vacuum conductor. The evacuation arrangement is connectable with an outlet arrangement (67) for the cleaning- and/or sterilization medium, so that a flow path is formed through parts of the vacuum conductor and the evacuation arrangement.

IPC 1-7

B65B 3/00; B65B 55/02

IPC 8 full level

B65B 3/00 (2006.01); **B65B 7/28** (2006.01); **B65B 55/02** (2006.01); **B67B 1/04** (2006.01)

CPC (source: EP)

B65B 3/006 (2013.01); **B65B 7/2821** (2013.01); **B65B 55/02** (2013.01); B65B 2210/06 (2013.01)

Cited by

US7204258B2; FR2957592A1; WO03042043A1; WO2011114061A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 29918679 U1 20010301; DE 50001161 D1 20030306; EP 1094003 A1 20010425; EP 1094003 B1 20030129; JP 2001171791 A 20010626; JP 4939684 B2 20120530

DOCDB simple family (application)

DE 29918679 U 19991023; DE 50001161 T 20001004; EP 00121626 A 20001004; JP 2000322732 A 20001023