

Title (en)

Method and device for controlling container seals

Title (de)

Vorrichtung und Verfahren zum Kontrollieren von Gefäßverschlüssen

Title (fr)

Dispositif et procédé destinés au contrôle de fermetures de récipients

Publication

**EP 2295157 A3 20110420 (DE)**

Application

**EP 10172753 A 20100813**

Priority

DE 102009041212 A 20090911

Abstract (en)

[origin: EP2295157A2] The method involves passing container closures (102) by a checking unit (103) using a conveyor medium (101) without isolating the container closures upstream of the checking unit, where the container closures are arranged on the conveyor medium. The container closures are checked with the checking unit. The container closures are guided laterally during checking. Sorting is performed to check faulty and/or non-workable container closures, where the container closures directly lie next to each other. Independent claims are also included for the following: (1) a device for checking container closures, comprising a checking unit (2) a method for removing faulty objects from a sequence of objects in beverage industry.

IPC 8 full level

**B07C 5/342** (2006.01)

CPC (source: EP US)

**B07C 5/3422** (2013.01 - EP US)

Citation (search report)

- [X] DE 19834218 A1 20000203 - HEUFT SYSTEMTECHNIK GMBH [DE]
- [X] US 3746163 A 19730717 - OCHS C, et al
- [X] EP 1518611 A2 20050330 - VISICONTROL GES FUER ELEKTRONI [DE]
- [X] DE 202004009895 U1 20040909 - BAUER MARKUS [DE]
- [X] US 2004159588 A1 20040819 - GRESKO GERALD M [US], et al
- [X] DE 102007036621 A1 20090205 - MIHO INSPEKTIONSSYSTEME GMBH [DE]
- [X] DE 29518639 U1 19970327 - HEUFT SYSTEMTECHNIK GMBH [DE]
- [X] US 6237418 B1 20010529 - COUGHLIN JOHN L [US], et al
- [XP] WO 2009143960 A1 20091203 - KHS AG [DE], et al

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**EP 2295157 A2 20110316; EP 2295157 A3 20110420; EP 2295157 B1 20151223**; CN 102023166 A 20110420; DE 102009041212 A1 20110407; JP 2011059114 A 20110324; KR 20110028240 A 20110317; US 2011064266 A1 20110317

DOCDB simple family (application)

**EP 10172753 A 20100813**; CN 201010283845 A 20100913; DE 102009041212 A 20090911; JP 2010198442 A 20100906; KR 20100088538 A 20100909; US 87905110 A 20100910