

Title (en)

Device for filling a bottle of at least one type with a beverage

Title (de)

Vorrichtung zum Füllen einer Flasche von mindestens einem Typ mit einem Getränk

Title (fr)

Dispositif pour le remplissage d'une bouteille d'au moins un type avec une boisson

Publication

**EP 2679535 A3 20140319 (FR)**

Application

**EP 13173375 A 20130624**

Priority

FR 1256060 A 20120626

Abstract (en)

[origin: EP2679535A2] The device (2) has a flow control valve (30) for controlling inert gas output and connected to a filling nozzle (40) and an inert gas source (42), where the inert gas is selected from a group consisting of nitrogen, argon, carbon dioxide and a mixture of nitrogen and carbon dioxide. The valve is controllable between a passing state in which the flow of inert gas from the source towards the filling nozzle is allowed and a blocking state in which the inert gas flow from the source towards the filling nozzle is prevented. A detecting unit detects a drink level in a bottle (4a). An independent claim is also included for a method for utilizing a device for filling a bottle with a drink.

IPC 8 full level

**B67C 3/28** (2006.01); **B67C 3/26** (2006.01)

CPC (source: EP)

**B67C 3/2608** (2013.01); **B67C 3/28** (2013.01); **B67C 3/286** (2013.01); **B67C 2003/2668** (2013.01); **B67C 2003/2685** (2013.01)

Citation (search report)

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- [Y] EP 2354082 A2 20110810 - TOYO JIDOKI KK [JP]
- [YA] WO 2011067794 A1 20110609 - SIDEL SPA CON SOCIO UNICO [IT], et al
- [A] JP H02111698 U 19900906

Cited by

CN109808924A; CN105565236A; CN104787812A; CN117776080A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2679535 A2 20140101**; **EP 2679535 A3 20140319**; FR 2992305 A1 20131227

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