

Title (en)

FOB SYSTEM FOR INTELLIGENT FLOW DETECTION AND DISPENSE CONTROL

Title (de)

FOB-SYSTEM ZUR INTELLIGENTEN DURCHFLUSSERKENNUNG UND AUSGABESTEUERUNG

Title (fr)

SYSTÈME FLOTTEUR SUR BIÈRE POUR DÉTECTION INTELLIGENTE DE DÉBIT ET COMMANDE DE DISTRIBUTION

Publication

**EP 3956256 A4 20230726 (EN)**

Application

**EP 21773279 A 20210405**

Priority

- US 202063029585 P 20200525
- US 202017084434 A 20201029
- US 2021025784 W 20210405

Abstract (en)

[origin: WO2021257152A1] A system and method detection of an empty keg is provided. Carbonated beverages from a keg communicates a carbonated alcoholic beverage to a liquid beverage sensor in fluid communication with the bulk keg. The liquid beverage sensor includes at least one phase detection sensor capable of identifying a foam or gas-liquid interface (Float on Beer Detector), at least one pressure sensor, at least one flow sensor, or at least one temperature sensor. A controller in operative communication with the TCB communicates with the control valve, the actuation button and in communication with the sensors. Upon detection of a low float level for the FOB detector, or low system pressure, or high system temperature, an alarm and/or override of the control fo the tap is accomplished.

IPC 8 full level

**B67D 1/00** (2006.01); **B67D 1/08** (2006.01); **B67D 1/12** (2006.01); **B67D 1/14** (2006.01); **G01F 23/30** (2006.01)

CPC (source: EP)

**B67D 1/0888** (2013.01); **B67D 1/1247** (2013.01); **B67D 1/1477** (2013.01); **G01F 23/0007** (2013.01); **G01F 23/703** (2013.01); **G01F 23/76** (2013.01); **B67D 2001/1483** (2013.01); **B67D 2001/1488** (2013.01)

Citation (search report)

- [A] US 2020055720 A1 20200220 - VOLFTSUN LEV [US], et al
- [A] US 2008189078 A1 20080807 - VOK PETER GEORGE [AU], et al
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- See also references of WO 2021257152A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

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