

Title (en)

DEVICE AND METHOD FOR IDENTIFYING SUBSTANCES IN THE FLUID COMPOSITION

Title (de)

VORRICHTUNG UND VERFAHREN ZUR IDENTIFIKATION VON STOFFEN IN DER FLUIDZUSAMMENSETZUNG

Title (fr)

DISPOSITIF ET PROCÉDÉ D'IDENTIFICATION DE SUBSTANCES DANS LA COMPOSITION FLUIDE

Publication

EP 4042147 A1 20220817 (DE)

Application

EP 20774877 A 20200806

Priority

- DE 102019215692 A 20191011
- DE 2020200066 W 20200806

Abstract (en)

[origin: WO2021069033A1] The invention discloses a device (1) for identifying substances in a fluid composition, more particularly in a container (2), preferably in a closed bottle (2), comprising a withdrawal device (3) for withdrawing a fluid composition that is to be filled in a container (2) by a filling device (4), at least one analysis device (5, 6), more particularly a spectroscopy device (5, 6) for, more particularly spectroscopically, analysing the fluid composition to be filled and/or, more particularly spectroscopically, analysing the fluid composition after it has passed through the filling device (4), at least one evaluation device (7), which is connected to the at least one analysis device (5, 6), for identifying the fluid composition to be filled and/or for identifying the fluid composition after it has passed through the filling device (4), and which is designed to output a signal, based on a comparison of the identified fluid composition to be filled and/or a predefinable fluid composition with the fluid composition after it has passed through the filling device (4), if the two fluid compositions deviate from one another according to at least one predefinable parameter, more particularly within a predefinable tolerance range.

IPC 8 full level

G01N 21/90 (2006.01); **G01N 21/31** (2006.01); **G01N 21/64** (2006.01)

CPC (source: EP)

G01N 21/31 (2013.01); **G01N 21/645** (2013.01); **G01N 21/9027** (2013.01); **G01N 2021/6417** (2013.01); **G01N 2201/1296** (2013.01)

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)

DE 102019215692 A1 20210415; **DE 102019215692 B4 20210617**; EP 4042147 A1 20220817; MX 2022004151 A 20220721; WO 2021069033 A1 20210415

DOCDB simple family (application)

DE 102019215692 A 20191011; DE 2020200066 W 20200806; EP 20774877 A 20200806; MX 2022004151 A 20200806