Title (en)

METHOD FOR OPERATING A MEASURING DEVICE DISPOSED ON A ROTATING CAROUSEL FILLING MACHINE AND APPARATUS THEREFOR

Title (de)

VERFAHREN ZUM BETREIBEN EINES AUF EINER ROTIERENDEN KARUSSELL-ABFÜLLMASCHINE ANGEORDNETEN MEßGERÄTS UND VORRICHTUNG DAFÜR

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UN APPAREIL DE MESURE DISPOSÉ SUR UNE MACHINE DE REMPLISSAGE À CARROUSEL ROTATIVE ET APPAREIL DE MESURE

Publication

EP 2257490 B1 20120627 (DE)

Application

EP 09725331 A 20090326

Priority

- EP 2009053626 W 20090326
- DE 102008016235 A 20080327

Abstract (en)

[origin: WO2009118394A1] In the method according to the invention, at least one oscillating measurement signal is produced as a primary signal of first class representing the vibrations of the measurement tube (MR) through which medium to be measured is currently flowing, and at least one oscillating measurement signal is produced as a primary signal of second class representing vibrations of at least one measurement tube (MR), through which no medium flows, surrounding the rotational axis (DA) of the carousel filling machine (RF), in particular the measurement transducer (MW) thereof. Moreover, at least one measurement value is generated representing a measurement parameter, in particular a mass flow rate and/or a totalized mass flow and/or a density of the medium to be measured, based on both the primary signal of first class as well as the primary signal of second class, and the invention further relates to a device suited for the implementation of the method and/or designed as a carousel filling machine (RF).

IPC 8 full level

B67C 3/20 (2006.01); **B65B 43/60** (2006.01); **B67C 3/28** (2006.01); **G01F 1/84** (2006.01)

CPC (source: EP US)

B67C 3/20 (2013.01 - EP US); **B67C 3/287** (2013.01 - EP US)

Designated contracting state (EPC)

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 TR

DOCDB simple family (publication)

DE 102008016235 A1 20091001; EP 2257490 A1 20101208; EP 2257490 B1 20120627; US 2009249890 A1 20091008; US 7856891 B2 20101228; WO 2009118394 A1 20091001

DOCDB simple family (application)

DE 102008016235 A 20080327; EP 09725331 A 20090326; EP 2009053626 W 20090326; US 38288309 A 20090326