

Title (en)
CORIOLIS METER APPARATUS AND METHODS FOR THE CHARACTERIZATION OF MULTIPHASE FLUIDS

Title (de)
CORIOLIS-MESSGERÄT UND VERFAHREN ZUR CHARAKTERISIERUNG VON MEHRPHASIGEN FLUIDEN

Title (fr)
APPAREIL DE MESURE CORIOLIS ET PROCÉDÉS POUR LA CARACTÉRISATION DE FLUIDES POLYPHASIQUES

Publication
EP 4107492 A1 20221228 (EN)

Application
EP 21755679 A 20210217

Priority

- US 202062977653 P 20200217
- US 202063000296 P 20200326
- US 202016946497 A 20200624
- US 202062706986 P 20200922
- US 202163145300 P 20210203
- US 2021018283 W 20210217

Abstract (en)
[origin: WO2021167921A1] A flow measuring device capable of measuring at least parameters of a multiphase flow and to quantify an effect of decoupling on an interpretation of the parameters based on at least one characteristic of the multiphase fluid is disclosed. The flow measuring system includes various augmentations and enhancements to a Coriolis meter. The flow measuring system is capable of determining decoupling parameters that can be used to improve the output of a Coriolis meter. A method of retrofitting a Coriolis meter is also disclosed.

IPC 8 full level
G01F 1/84 (2006.01); **G01F 1/74** (2006.01); **G01F 1/76** (2006.01); **G01F 1/78** (2006.01); **G01N 11/04** (2006.01)

CPC (source: EP)
G01F 1/74 (2013.01); **G01F 1/8431** (2013.01); **G01F 1/8436** (2013.01); **G01F 1/845** (2013.01); **G01F 15/02** (2013.01); **G01N 9/002** (2013.01); **G01F 1/36** (2013.01); **G01F 1/44** (2013.01); **G01N 2009/006** (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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2021167921 A1 20210826; EP 4107492 A1 20221228; EP 4107492 A4 20240306

DOCDB simple family (application)
US 2021018283 W 20210217; EP 21755679 A 20210217