

Title (en)

MEASURING DEVICE HAVING AN OPTICAL SENSOR

Title (de)

MESSEINRICHTUNG MIT EINEM OPTISCHEN SENSOR

Title (fr)

DISPOSITIF DE MESURE AVEC CAPTEUR OPTIQUE

Publication

**EP 2359099 A1 20110824 (DE)**

Application

**EP 09801428 A 20091211**

Priority

- EP 2009066910 W 20091211
- DE 102008054915 A 20081218

Abstract (en)

[origin: WO2010069868A1] The invention relates to a measuring device for determining a chemical and/or physical measurement variable, particularly a volume and/or mass flow rate, of a measurement substance flowing through a pipeline, wherein the measuring device comprises a measuring sensor, wherein the measuring sensor comprises at least one optical waveguide, which is used to generate, receive, and/or transmit measurement signals, wherein the measurement signals are received into the optical waveguide by means of Farby-Perot sensor.

IPC 8 full level

**G01F 1/32** (2006.01); **G01F 1/84** (2006.01)

CPC (source: EP US)

**G01F 1/3259** (2022.01 - EP US); **G01F 1/3266** (2022.01 - EP US)

Citation (search report)

See references of WO 2010069868A1

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 SM TR

DOCDB simple family (publication)

**DE 102008054915 A1 20100624**; EP 2359099 A1 20110824; US 2011247430 A1 20111013; US 8578786 B2 20131112;  
WO 2010069868 A1 20100624

DOCDB simple family (application)

**DE 102008054915 A 20081218**; EP 09801428 A 20091211; EP 2009066910 W 20091211; US 200913140457 A 20091211