

Title (en)

METHOD AND DEVICE FOR DETERMINING A FLOW RATE OF A FLUID

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BESTIMMUNG EINER DURCHFLUSSMENGE EINES FLUIDS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE DÉTERMINATION D'UN DÉBIT DE FLUIDE

Publication

EP 2310811 A2 20110420 (DE)

Application

EP 09776036 A 20090804

Priority

- DE 2009001067 W 20090804
- DE 102008036089 A 20080804

Abstract (en)

[origin: US2011126636A1] Disclosed are a method and a device for determining a flow rate through a pipe, wherein a first measurement device is provided which determines the flow profile of the fluid in a first region by means of a Doppler frequency shift, and a second measurement device is provided which determines the flow profile of the fluid in the pipe in a second region by means of a travel time measurement method.

IPC 8 full level

G01F 1/66 (2006.01)

CPC (source: EP US)

G01F 1/662 (2013.01 - EP US); **G01F 1/663** (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 SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2010015234 A2 20100211; CA 2732153 A1 20100211; DE 102009035983 A1 20100311; DE 112009001904 A5 20110428;
EP 2310811 A2 20110420; JP 2011530072 A 20111215; US 2011126636 A1 20110602; US 8714029 B2 20140506

DOCDB simple family (application)

DE 2009001067 W 20090804; CA 2732153 A 20090804; DE 102009035983 A 20090804; DE 112009001904 T 20090804;
EP 09776036 A 20090804; JP 2011521435 A 20090804; US 200913056245 A 20090804