

Title (en)

ANEMOMETER PROBE HAVING ONE OR MORE WIRES AND ITS METHOD OF PRODUCTION

Title (de)

ANEMOMETERSONDE MIT EINER ODER MEHREREN LEITUNGEN UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

SONDE ANEMOMETRIQUE A UN OU PLUSIEURS FILS ET SON PROCEDE DE REALISATION

Publication

EP 2368127 A1 20110928 (FR)

Application

EP 09798922 A 20091218

Priority

- EP 2009067577 W 20091218
- FR 0858879 A 20081219

Abstract (en)

[origin: WO2010070119A1] The invention relates to an anemometer probe and to a method of producing an anemometer probe having a single wire or n wires ($n > 1$) for a measurement close to a wall, comprising, for at least one of the wires: a) the positioning and retention of a straight portion of the wire (2), said wire comprising a metal core (21) surrounded by a protective sheath (22), on two surfaces; b) the stripping of part of the sheath (22), so as to reveal an active measurement zone (14) of the wire; and c) the brazing of the wire to two pins of the body of the probe.

IPC 8 full level

G01P 5/12 (2006.01); **G01F 1/68** (2006.01)

CPC (source: EP KR US)

G01F 1/68 (2013.01 - EP KR US); **G01P 5/10** (2013.01 - KR); **G01P 5/12** (2013.01 - EP KR US); **Y10T 29/49** (2015.01 - US); **Y10T 29/49179** (2015.01 - US)

Citation (search report)

See references of WO 2010070119A1

Citation (examination)

- GB 2294767 A 19960508 - UNIV ROBERT GORDON [GB]
- BROWNE L W B ET AL: "EFFECT OF WIRE LENGTH ON TEMPERATURE STATISTICS IN A TURBULENT WAKE", EXPERIMENTS IN FLU, SPRINGER, HEIDELBERG, DE, vol. 5, no. 6, 1 January 1987 (1987-01-01), pages 426 - 428, XP009120990, ISSN: 0723-4864, DOI: 10.1007/BF00264410

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)

WO 2010070119 A1 20100624; CN 102308221 A 20120104; CN 102308221 B 20150121; EP 2368127 A1 20110928; FR 2940453 A1 20100625; FR 2940453 B1 20110325; JP 2012513021 A 20120607; JP 5787767 B2 20150930; KR 101658115 B1 20160920; KR 20110102457 A 20110916; RU 2011129819 A 20130127; RU 2524448 C2 20140727; US 2011303002 A1 20111215; US 8800379 B2 20140812

DOCDB simple family (application)

EP 2009067577 W 20091218; CN 200980156328 A 20091218; EP 09798922 A 20091218; FR 0858879 A 20081219; JP 2011541488 A 20091218; KR 20117016115 A 20091218; RU 2011129819 A 20091218; US 200913140821 A 20091218