

INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2018/066270

A. CLASSIFICATION OF SUBJECT MATTER		
<i>G01L 19/00</i> (2006.01)i; <i>C23F 13/02</i> (2006.01)i; <i>C23F 13/14</i> (2006.01)i; <i>C23F 13/16</i> (2006.01)i; <i>G01L 19/14</i> (2006.01)i		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) G01L; C23F		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EPO-Internal, WPI Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	CN 202898547 U (PETROCHINA CO LTD) 24 April 2013 (2013-04-24) abstract; figure 1	1-7,9-11,13-15 8,12
X A	US 2010252424 A1 (AMANO AKIRA [JP] ET AL) 07 October 2010 (2010-10-07) abstract; figures 4-6 paragraph [0024]	1-7,9-11,13-15 8,12
X A	US 3994794 A (BOHNE ALVIN W) 30 November 1976 (1976-11-30) abstract; claims 1-4; figures 1-10	1-7,9-11,13-15 8,12
A	Rosemount. "Material Selection and Compatibility Considerations for Rosemount Pressure Transmitters" 30 September 2015 (2015-09-30), Retrieved from the Internet: https://www.emerson.com/documents/automation/technical-note-material-selection-considerations-for-pressure-transmitters-en-77770.pdf [retrieved on 2018-09-11] XP055506286 the whole document	1-15
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 21 September 2018		Date of mailing of the international search report 28 September 2018
Name and mailing address of the ISA/EP European Patent Office p.b. 5818, Patentlaan 2, 2280 HV Rijswijk Netherlands Telephone No. (+31-70)340-2040 Facsimile No. (+31-70)340-3016		Authorized officer Moscelli, Nicola Telephone No.

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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Anonymous. "Cathodic protection - Wikipedia" 25 June 2017 (2017-06-25), Retrieved from the Internet: https://en.wikipedia.org/w/index.php?title=Cathodic_protection&oldid=787520353 [retrieved on 2018-09-11] XP055506130 the whole document	1-15
A	DE 10347861 A1 (ENDRESS & HAUSER GMBH & CO KG [DE]) 28 April 2005 (2005-04-28) the whole document	1-15

INTERNATIONAL SEARCH REPORT
Information on patent family members

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Patent document cited in search report	Publication date (day/month/year)	Patent family member(s)	Publication date (day/month/year)
CN 202898547 U	24 April 2013	NONE	
US 2010252424 A1	07 October 2010	CA 2691226 A1	06 October 2010
		JP 5150549 B2	20 February 2013
		JP 2010241269 A	28 October 2010
		US 2010252424 A1	07 October 2010
US 3994794 A	30 November 1976	NONE	
DE 10347861 A1	28 April 2005	NONE	