

INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2018/071047

A. CLASSIFICATION OF SUBJECT MATTER <i>G01N 21/3504</i> (2014.01)i; <i>G01N 21/65</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) G01N		
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 Y	US 2005247868 A1 (CALL CHARLES J [US] ET AL) 10 November 2005 (2005-11-10) paragraph [0023] paragraphs [0026] - [0034] paragraph [0127]	1,4,5,7,8,10-18 2,3,6,9
X	US 2005280814 A1 (IULIANO MICHAEL J [US]) 22 December 2005 (2005-12-22) paragraph [0027] paragraphs [0094] - [0096]	1,8
X	US 5866430 A (GROW ANN E [US]) 02 February 1999 (1999-02-02) column 16, line 59 - column 18, line 50 column 29, line 61 - column 30, line 40	1,4,8
Y	US 3768908 A (ZAROMB S) 30 October 1973 (1973-10-30) column 5, lines 6-68	6
Y	US 2011208462 A1 (MAIER JOHN [US] ET AL) 25 August 2011 (2011-08-25) paragraphs [0064] - [0067]	2,3
<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 12 October 2018		Date of mailing of the international search report 22 October 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 Huenges, Alexandra 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.
Y	ROYSTON GOODACRE. "Explanatory analysis of spectroscopic data using machine learning of simple, interpretable rules" <i>VIBRATIONAL SPECTROSCOPY</i> , NL, Vol. 32, No. 1, 01 August 2003 (2003-08-01), pages 33-45 DOI: 10.1016/S0924-2031(03)00045-6 ISSN: 0924-2031, XP055514795 pages 34-35	9

INTERNATIONAL SEARCH REPORT
Information on patent family members

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US	2005247868	A1	10 November 2005	EP	1727670	A2	06 December 2006
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