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(71) Applicant: UNISENSE A/S [DK/DK]; Tueager 1, 8200 Aarhus N (DK).

(72) Inventors: PORSGAARD, Søren; Skelagervej 258, 8200 Aarhus N (DK). LARSEN, Lars Hauer; Overdrevet 25, 8382 Hinnerup (DK).

(74) Agent: PLOUGMANN VINGTOFT A/S; Rued Langgaards Vej 8, 2300 Copenhagen S (DK).

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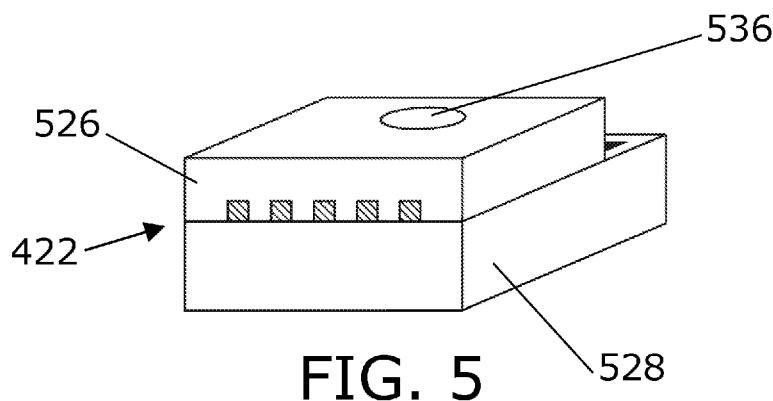
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Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

(54) Title: ELECTROCHEMICAL SENSOR WITH OPENING BETWEEN SOLID ELEMENTS



(57) Abstract: There is presented an electrochemical sensor (100) for sensing an analyte in an associated volume (106), the sensor comprising a first solid element (126), a second solid element (128) being joined to the first solid element, a chamber (110) being placed at least partially between the first solid element and the second solid element, a working electrode (104) in the chamber (110), a reference electrode (108), and wherein one or more analyte permeable openings (122) connect the chamber (110) with the associated volume (106), and wherein the electrochemical sensor (100) further comprises an analyte permeable membrane (124) in said one or more analyte permeable openings, wherein the one or more analyte permeable openings are placed at least partially between the first solid element and the second solid element.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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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, INSPEC, COMPENDEX, BIOSIS, EMBASE, FSTA, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 375 816 B1 (JACH OLAF [DE] ET AL) 23 April 2002 (2002-04-23) abstract; figure 1 column 2, line 46 - column 3, line 61 -----	1,33
A	EP 2 075 576 A2 (ROBERT BOSCH GMBH [DE]) 1 July 2009 (2009-07-01) abstract; figure 1 paragraphs [0023], [0032] -----	1,33
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Further documents are listed in the continuation of Box C.

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

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Date of the actual completion of the international search 21 December 2017	Date of mailing of the international search report 08/01/2018
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Hanisch, Christian
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International application No
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 41 31 927 A1 (KNOLL MEINHARD [DE]) 8 April 1993 (1993-04-08) abstract; figures 1, 2, 7; examples 1, 6 column 1, lines 36-37 column 3, lines 15-22 column 5, lines 1-3, 56 -----	1-37
A	SUZUKI HIROAKI ET AL: "Determination of blood pO ₂ using a micromachined Clark-type oxygen electrode", ANALYTICA CHIMICA ACTA, ELSEVIER, AMSTERDAM, NL, vol. 431, no. 2, 1 March 2001 (2001-03-01) , pages 249-259, XP55417511, ISSN: 0003-2670, DOI: 10.1016/S0003-2670(00)01325-8 cited in the application abstract; figure 1 pages 250, 252 page 255, paragraph 3.2. page 258, paragraph 4 -----	1-37

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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