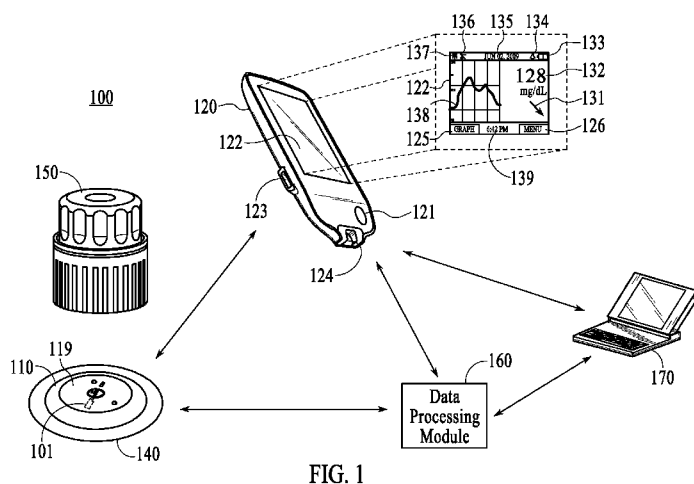




- (51) International Patent Classification:
A61B 5/00 (2006.01) *G06F 15/00* (2006.01)
 - (21) International Application Number:
PCT/US2011/055177
 - (22) International Filing Date:
6 October 2011 (06.10.2011)
 - (25) Filing Language: English
 - (26) Publication Language: English
 - (30) Priority Data:
61/391,065 7 October 2010 (07.10.2010) US
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 - (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.
 - (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— with international search report (Art. 21(3))
- (88) Date of publication of the international search report:
7 June 2012

(54) Title: ANALYTE MONITORING DEVICES AND METHODS



(57) Abstract: Devices, methods, systems, and kits for providing electronics for coupling to analyte sensors are provided including, for example, application specific integrated circuit (ASIC) architectures and configurations that provide electrical coupling of electrodes of analyte sensors having one or more configurations such as, for example, self powered two electrode analyte sensors, or three electrode analyte sensors.



INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 11/55177

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - A61B 5/00; G06F 15/00 (2012.01) USPC - 702/19; 702/189; 600/345; 600/347; 600/365 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) IPC(8)- A61B 5/00; G06F 15/00 (2012.01); USPC- 702/19; 702/189; 600/345; 600/347; 600/365 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Patents and NPL (classification, keyword delimited; search terms below) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWest (US Pat, PgPub, EPO, JPO), GoogleScholar (PL, NPL), FreePatentsOnline (US Pat, PgPub, EPO, JPO, WIPO, NPL); Search terms used: detect, monitor, measure, track, sense, analyte, glucose, lactate, oxygen, hemoglobin, A1C, under, skin, dermal, tissue, fascia, subcutaneous, hypodermal, electrode, plural, multiple, two, three...		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2009/0292188 A1 (HOSS et al.) 26 November 2009 (26.11.2009), para [0005], [0014], [0016]-[0021], [0026], [0028], [0031]-[0036], [0039]-[0042], [0059]	1-20
Y	US 2009/0240440 A1 (SHURABURA et al.) 24 September 2009 (24.09.2009), para [0015], [0017], [0025], [0030], [0060], [0087], [0111], [0118], [0146]	1-20
Y	US 2005/0143635 A1 (KAMATH et al.) 30 June 2005 (30.06.2005), para [0005], [0007], [0034], [0063], [0080], [0083]	1-20
Y	US 2008/0058625 A1 (MCGARRAUGH et al.) 06 March 2008 (06.03.2008), para [0030]-[0216]	1-20
Y	US 2007/0151869 A1 (HELLER et al.) 05 July 2007 (05.07.2007), para [0023]-[0095]	1-20
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Date of the actual completion of the international search 07 February 2012 (07.02.2012)		Date of mailing of the international search report 23 FEB 2012
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201		Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774