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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, RO, RS, RU, 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.

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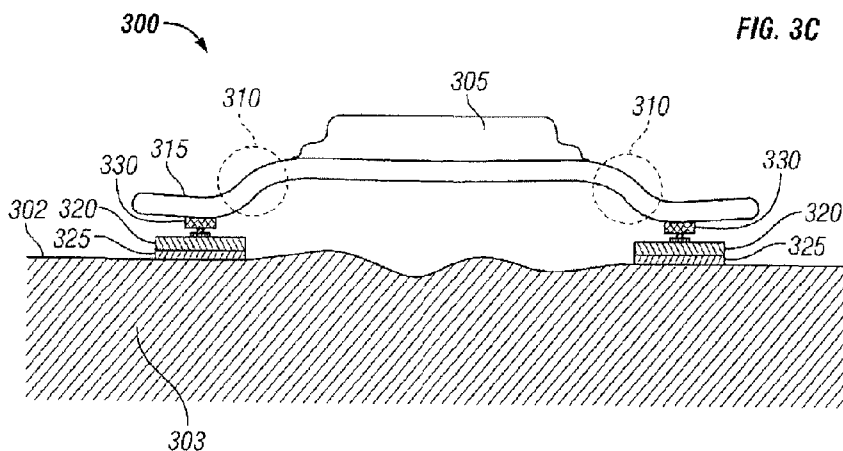
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(54) Title: VITAL-SIGNS PATCH HAVING A STRAIN RELIEF



(57) Abstract: A vital-signs monitor patch containing at least two electrodes, a circuit assembly, and a patch body having a chamber in which the circuit assembly is housed. The patch body also contains at least one flexible portion adjacent to the circuit assembly chamber, with at least one electrode attached to the flexible portion. The electrodes are configured for attaching the patch to the skin of a patient.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2011/045240**A. CLASSIFICATION OF SUBJECT MATTER***A61B 5/0402(2006.01)i, A61B 5/0408(2006.01)i, A61B 5/01(2006.01)i, A61B 5/0205(2006.01)i, H04B 7/24(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)

A61B 5/0402; A61B 5/04; A61B 5/02; G06Q 50/00; A61N 1/00; A61B 5/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords:electrode, patch, flexible, circuit

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2007-0191728 A1 (ADNAN SHENNIB) 16 August 2007	1,2,5,6,9,10
A	See abstract, paragraphs [0046]-[0049],[0068], claims 1,11 and 17, and figures 2-4.	3,4,7,8,11,12
X	US 2009-0062670 A1 (STERLING GARY JAMES et al.) 05 March 2009	1-3,6,7,10
	See abstract, paragraphs [0065]-[0072], claims 1,23,26 and 35, and figures 1,2,6.	
X	US 2009-0076364 A1 (LIBBUS IMAD et al.) 19 March 2009	1,6
	See abstract, paragraphs [0083]-[0084],[0088]-[0091], claims 1,15 and 17, and figure 1J.	
X	US 2009-0182204 A1 (SEMLER HERBERT J. et al.) 16 July 2009	1,6
	See abstract, paragraphs [0076]-[0077],[0082]-[0084], claims 1,5, and figures 2,4.	

 Further documents are listed in the continuation of Box C. See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance

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"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

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"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

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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