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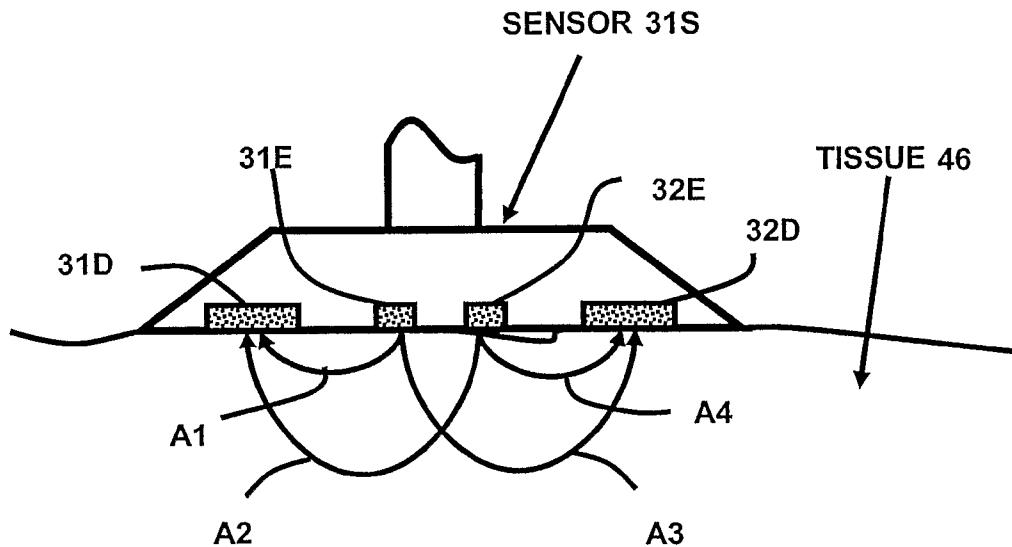
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(54) Title: TISSUE OXIMETRY APPARATUS AND METHOD

Fig. 3

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(57) Abstract: An apparatus and method for determining tissue oxygenation such as arterial and venous oxygenation and cerebral oxygenation. In one embodiment, the optical properties of tissue are determined using measured light attenuations at a set of wavelengths. By choosing distinct wavelengths and using light attenuation information, the influence of variables such as light scattering, absorption and other optical tissue properties can be minimized.

INTERNATIONAL SEARCH REPORT

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According to International Patent Classification (IPC) or to both national classification and IPC

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	WO 2007/012931 A (BERNREUTER PETER [DE]) 1 February 2007 (2007-02-01) abstract claims 1-43; figures 1-19	1-41
Y	WO 2006/094279 A (MASIMO LAB INC [US]; AL-ALI AMMAR; ABDUL-HAFIZ YASSIR) 8 September 2006 (2006-09-08) abstract; figures 1-5 paragraph [0087]; figure 24	36,37
X	US 2007/055119 A1 (LASH ROBERT E [US] ET AL) 8 March 2007 (2007-03-08) abstract; figures 1-5 paragraphs [0007], [0008] paragraphs [0029] - [0050]	1-19,21, 28,29, 31-34, 38-41
		-/-

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See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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