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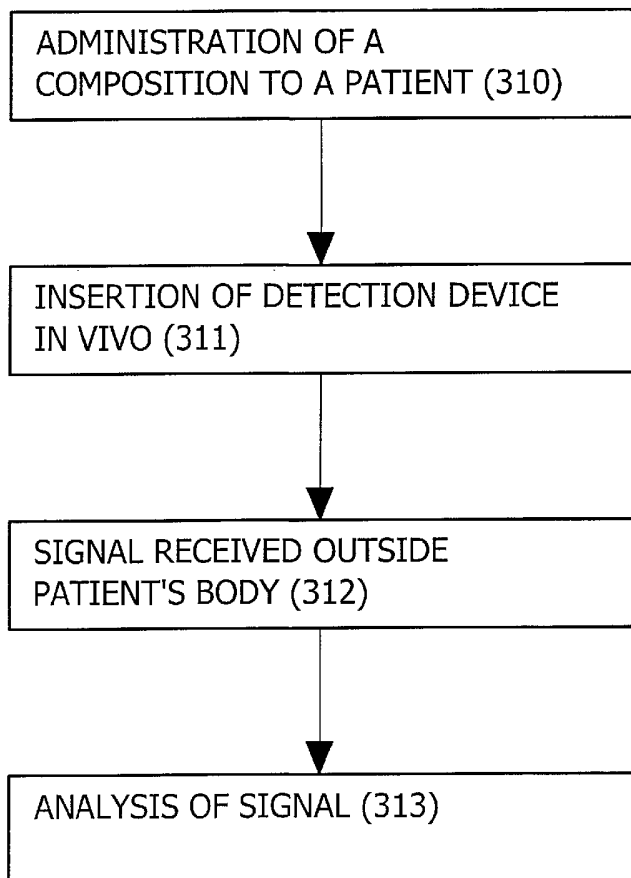
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(54) Title: METHODS, DEVICE AND SYSTEM FOR IN VIVO DETECTION



(57) Abstract: A system and method for in vivo diagnosis are provided. A composition including for example a radioactive marking agent and a pharmaceutically acceptable carrier is administered to a patient and an autonomous in vivo device, which may include for example an illumination source an image sensor and a radiation and/or light detector, is used for example facilitate the difference between normal and pathological cells in a body lumen.

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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 600/109, 160, 309-310, 347, 407, 424, 427, 431, 436-437, 476, 478; 128/903; 378/44, 62, 119 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)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P — Y, P	US 2003/0139661 A1 (KIMCHY et al) 24 July 2003 (24.07.2003), paragraphs [0015, 0080, 0316-0324, 0395-0397, 0436, 0438, 0458].	1-4, 6-10, 12, 15, 18-22, 25-41, 43, 45-46 ----- 5, 9, 11, 13, 17, 23-24
A	US 2001/0051766 A1 (GAZDZINSKI) 13 December 2001 (13.12.2001).	1-46
Y	US 5,970,114 (COLBETH et al) 19 October 1999 (19.10.1999), column 5, lines 11-25.	5, 9
Y	US 5,166,073 A (LEFTKOWITZ et al) 24 November 1992 (24.11.1992), column 5, lines 11-28.	13
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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