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(54) Title: AN AGENT USED IN DUAL FLUORESCENT/ NUCLEAR IMAGING OF PANCREATIC CANCER

(57) Abstract: The invention related to an agent that using both fluorescence and nuclear imaging of pancreatic cancer. Particularly, the invention is used for both fluorescence and nuclear imaging of pancreatic cancer at the same time; related to Zn(II) Phthalocyanine, a photosensitizer that is used both fluorescence and nuclear imaging of pancreatic cancer at the same time, labeled with ¹³¹I radionuclide.



WO 2017/171685 A3

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER INV. C07D487/22 C07F3/06 A61P35/00 ADD.				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
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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				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
Y,P	WO 2016/111797 A1 (IMMUNOMEDICS INC [US]) 14 July 2016 (2016-07-14) paragraph [[016]]; claims 1,6 -----	1-7		
Y	US 2014/371192 A1 (CHOI HEE CHEUL [KR] ET AL) 18 December 2014 (2014-12-18) cited in the application paragraph [0008]; claim 1 -----	1-7		
A	WO 2015/026963 A2 (UNIV OREGON STATE [US]) 26 February 2015 (2015-02-26) cited in the application claim 9 -----	1-7		
Y	WO 2010/030120 A2 (SNU R&DB FOUNDATION [KR]; INTELLECTUAL PROPERTY AND TECH [SA]; CHUNG D) 18 March 2010 (2010-03-18) claim 1 -----	1-7		
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.				
* Special categories of cited documents : <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; vertical-align: top;"> "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 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "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 </td> <td style="width: 50%; border: none; vertical-align: top;"> "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 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "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 </td> </tr> </table>			"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 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "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 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "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
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Information on patent family members

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