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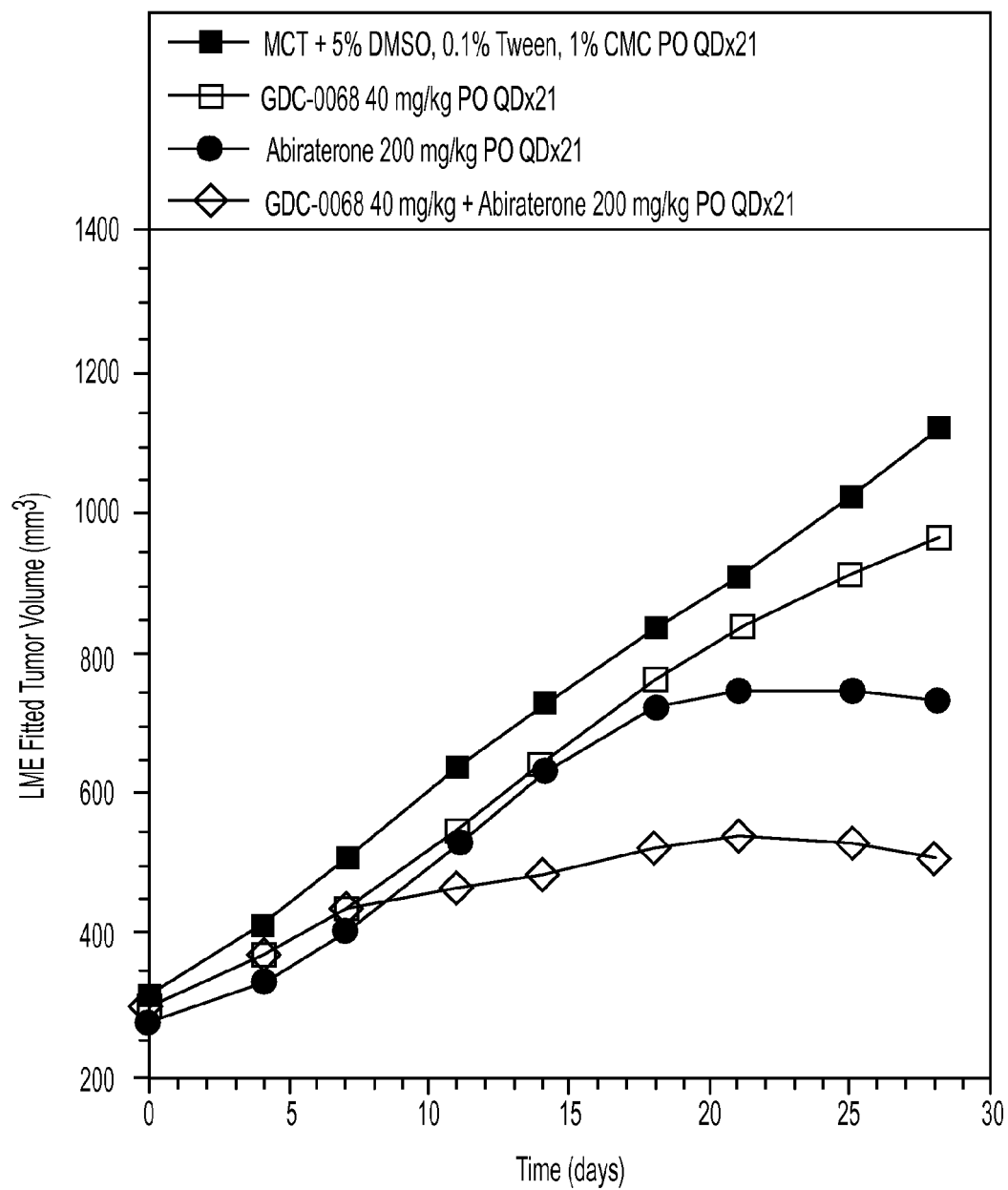


FIG. 1

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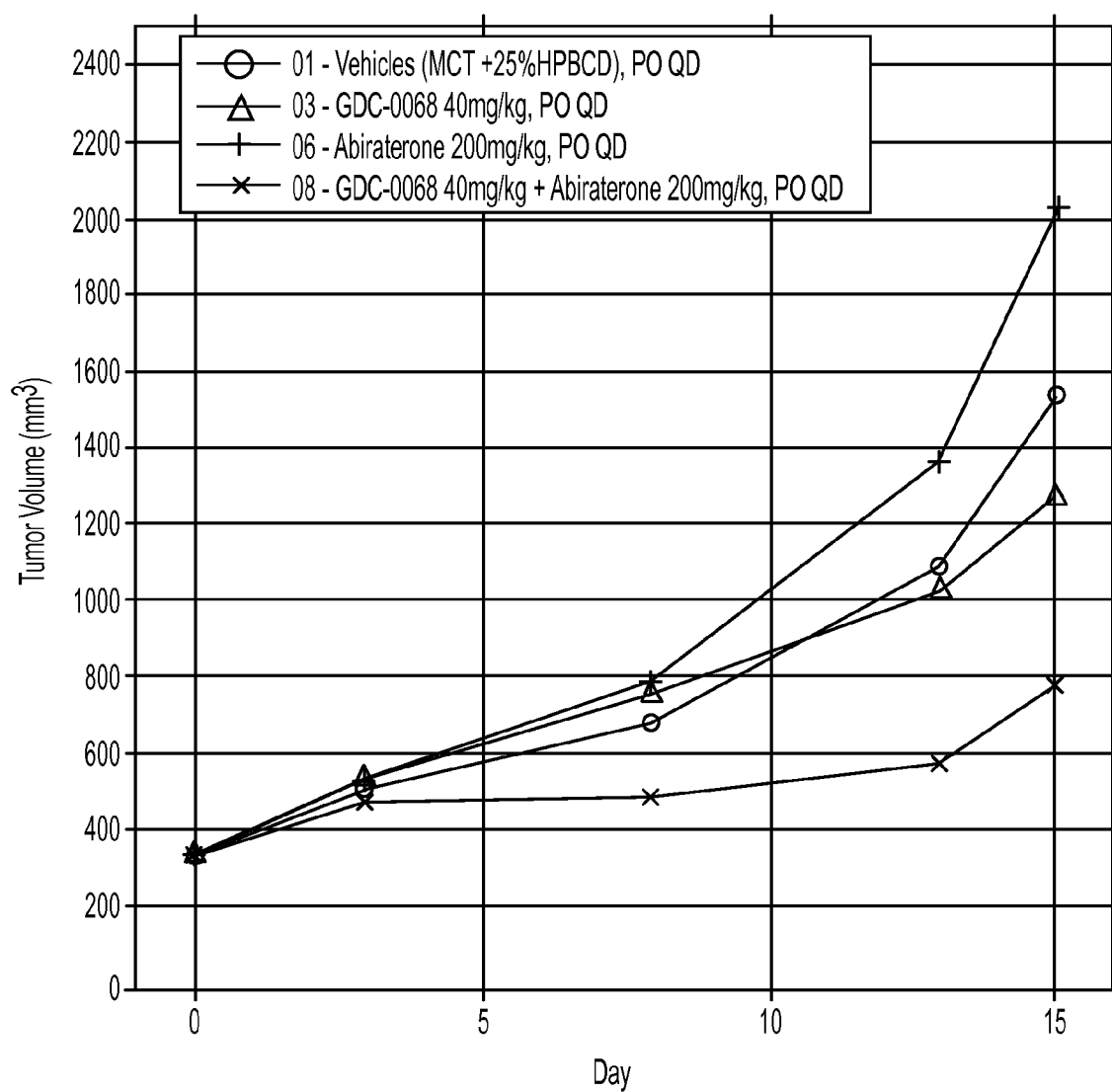


FIG. 2

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - A61K 31/517; C07D 239/70; A61P 35/00 (2012.01) USPC - 514/258.1; 544/253; 540/95 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) - A61K 31/517; C07D 239/70; A61P 35/00 (2012.01) USPC - 514/258.1; 544/253; 540/95 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC - 514/252.13 (see search terms below) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWEST, Google Patents, Google Scholar, WIPO (combination, formula, abiraterone, hyperproliferative, mutation, PTEN, AKT, PI3K, ERBB2, HER2, cancer, chemotherapeutic agent, pyrimidy)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
Y	US 2008/0051399 A1 (MITCHELL, et al.) 28 February 2008 (28.02.2008) entire document, especially para[0006], [0008]-[0009], [0015], [0043]-[0046], [0058], [0125], [0218], [0224], [0227]-[0228], [0230]-[0232], [0234], [0262], [0266].	1-7, 10-15		
Y	US 2009/0137595 A1 (SAKAI, et al.) 28 May 2009 (28.05.2009) entire document, especially para[0733]-[0734].	1-7, 10-15		
Y	US 2010/0069357 A1 (BERGERON, et al.) 18 March 2010 (18.03.2010) entire document, especially para[0006].	3, 5, 7/(3,5)		
A	US 2009/0258364 A1 (GOEL, et al.) 15 October 2009 (15.10.2009) entire document, especially para[0024].	1-7, 10-15		
☐ Further documents are listed in the continuation of Box C. ☐				
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top; border: none;"> * Special categories of cited documents: "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%; vertical-align: top; border: none;"> "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>			* Special categories of cited documents: "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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Date of the actual completion of the international search 19 June 2012 (19.06.2012)		Date of mailing of the international search report 13 JUL 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		