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(54) Title: METHOD FOR THE DIAGNOSIS, PROGNOSIS AND TREATMENT OF PROSTATE CANCER METASTASIS USING C-MAF

(57) Abstract: The present invention relates to a method for the diagnosis or the prognosis of metastasis in prostate cancer which comprises determining if the c-MAF gene is amplified in a primary tumor sample. Likewise, the invention also relates to a method for the diagnosis or the prognosis of metastasis in prostate cancer, as well as to a method for determining the tendency to develop bone metastasis with respect to metastasis in other organs, which, comprise determining the c-MAF expression level. Finally, the invention relates to the use of a c-MAF inhibitor as therapeutic target for treating the prostate cancer.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
INV. C12Q1/68 G01N33/574  
ADD.  
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B. FIELDS SEARCHED  
Minimum documentation searched (classification system followed by classification symbols)  
C12Q G01N  
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
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Y	the whole document page 43, line 21 - page 44, line 20 page 50 - page 53	1-20, 30-37, 41-53,55
X	ES 2 379 918 A1 (FUNDACIO PRIVADA INST DE RECERCA BIOMEDICA [ES]; FUNDACIO PRIVADA INST) 7 May 2012 (2012-05-07)	29, 38-40,54
Y	the whole document page 12, line 27 - page 16, line 7 page 16, line 9 - page 17 figures 1C, 1D page 44, line 25 - page 45, line 20	1-20, 30-37, 41-53,55
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Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents :

<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"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)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"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</p> <p>"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</p> <p>"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</p> <p>"&amp;" document member of the same patent family</p>
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer  Pinta, Violaine

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Y	the whole document page 13, line 12 - page 16, line 25 page 30, line 15 - page 31, line 26 -----	1-20, 30-37, 41-53,55
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Information on patent family members

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