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(54) Title: METHOD OF USING POMEGRANATE EXTRACTS FOR INCREASING PROSTATE SPECIFIC ANTIGEN DOUBLING TIME

(57) Abstract: Pomegranate juice consumption by a patient may be used to treat prostate cancer. Prior to the present invention, it has been observed that various pomegranate compositions have cancer chemopreventive properties on various in vitro treatment of human prostate cancer cell lines and in vivo treatment of human prostate cancer cell lines xenografted in athymic nude mice. Until the discovery of the present invention, it was not known if there is an efficacy for treating prostate cancer in human patient by any route of administration. The present invention provides a method of treating a subject with prostate cancer a composition comprising a therapeutically effective amount of an extract from pomegranate fruit. The extract of pomegranate may be a juice extract of pomegranate, an extract from inner or outer peel of pomegranate, or mixture thereof. Pomegranate juice may be used to treat subjects with rising serum PSA after prostate surgery or radiotherapy.



WO 2007/106909 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/64112

A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61K 36/00(2006.01)

USPC: 424/777

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)

U.S. : 424/777

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)
WEST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 20020197341 A (LANSKY) 26 December 2002 (26.12.2002), see entire document including abstract; figures; paragraphs [0028], [0029], [0032], [0055], [0065]; Examples 2, 4, 5; and claims.	1-2



Further documents are listed in the continuation of Box C.



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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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