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(71) Applicant (for all designated States except US): **MARS, INCORPORATED** [US/US]; 6885 Elm Street, McLean, VA 22101-3883 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **SCHMITZ, Harold, H.** [US/US]; 6109 Ruddyard Drive, Bethesda, MD 20814 (US).

(74) Agent: **JAIN, Nada**; Nada Jain, P.C., 560 White Plains Road, Suite 460, Tarrytown, NY 10591 (US).

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(54) Title: TREATMENT OF DISEASES INVOLVING ERBB2 KINASE OVEREXPRESSION

(57) Abstract: The invention relates to compositions containing polyphenols such as flavanols and their related oligomers, and methods for treating conditions associated with ErbB2 kinase overexpression, for example, treatment of cancers involving ErbB2 kinase overexpression. Fig. 2 represents results from the real time PCR experiments verifying reduced expression of ErbB2 kinase in HAEC in the presence of procyanidins.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 31/35
 US CL : 514/456

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. : 514/456

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)
 REGISTRY, HCAPLUS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,420,572 B1 (ROMANCZYK L et al) 16 July 2002 (16.07.2002), columns 5-8, column 32, line 1 through column 33, line 5.	1-25
X	Database HCAPLUS on STN (Columbus, OH, USA) DN 136:334883, ITO H et al, 'Antitumor activity of compounds isolated from leaves of Eriobotrya japonica,' J Agr & Food Chem 2002, 50 (8), abstract.	1-25
X	Database HCAPLUS on STN (Columbus, OH, USA) DN 138:180310, YAMAGISHI M et al, 'Effects of cacao liquor proanthocyanidins on PhIP-induced mutagenesis in vitro, and in vivo mammary and pancreatic tumorigenesis in female Sprague-Dawley rats,' Cancer Letters, 2002, 185 (2) 123-130, abstract.	1-25

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See patent family annex.

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"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	"&" document member of the same patent family

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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. (703) 305-3230

Authorized officer

Valerie Bell-Harris for
 Rebecca Cook

Telephone No. (571) 272-1600