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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COMPLEX MIXTURES EXHIBITING SELECTIVE INHIBITION OF CYCLOOXYGENASE-2

(57) Abstract: A novel formulation is provided that serves to specifically inhibit the COX-2 mediated inflammatory response in animals. The formulation comprises comprising an effective amount of component I selected from the group consisting of alpha acids and beta acids and an effective amount of at least one component II selected from the group consisting of alpha acids, beta acids, essential oils, fats and waxes, with the proviso that component I and II are not the same compound. The composition provides specific inhibition of cyclooxygenase-2 with little or no effect on cyclooxygenase-1.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/19617

B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 424/725 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) Please See Continuation Sheet C. DOCUMENTS CONSIDERED TO BE RELEVANT Category Clintion of document, with indication, where appropriate, of the relevant passages X U.S.: 474/725 X U.S.: 474/725 X U.S.: 474/725 Relevant to claim No. See patent family annex. ** Special categories of sited documents: ** Special categories and sited documents: ** Special categories are listed in the continuation of Box C. ** Special categories are listed in the continuation of Box C. ** Special categories are listed in the continuation of Box C. ** Special categories are listed in the continuation of Box C. ** Special categories are listed in the continuation of Box C. ** Special categories are listed in the continuation of Box C. ** Special categories are listed in the continuation of Box C. ** Special categories are listed in the continuation of Box C. ** Special categories are listed in the continuation of Box C. ** Special categories are listed in the continuation of Box C. ** Special categories are listed in the continuation of Box C. ** Special categories are listed in the continuation of Patents and Trademacks below TC. ** Unabliable and trailing address of the ISA/US Continuation of Patents and Trademacks below TC. ** Washingare, D.C. 20031 ** To document stead of the Continuation and Trademacks below TC. ** Washingare, D.C. 20031 ** To document stead of the Continuation and Trademacks below TC. ** Washingare, D.C. 20031 ** To document stead of Continuation and Trademacks below TC. ** Washingare, D.C. 2003	A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A61K 35/78 US CL : 424/725					
Minimum documentation searched (classification system followed by classification symbols) U.S.: 424/725 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) Please See Continuation Sheet C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. 3 99ecila categorias of cited documents. A "Special categorias of cited documents are listed in the continuation of Box C. * * Special categorias of cited documents A" document setfaling the general state of the air which is not occaldered to be of particular relevance "I" easific application or partern particular of the publication of the continuation of the publication of the publication date of mother clusters or other special reason (as specifics). "O" document referring to an ocal disclosure, use, shibition or other mems "I" document referring to an ocal disclosure, use, shibition or other mems "I" document published price to the international filling date but later than the sprinciple date claimed "O" document referring to an ocal disclosure, use, shibition or other mems "I" document referring to an ocal disclosure, use, shibition or other mems "I" document referring to an ocal disclosure, use, shibition or other mems "I" document published price to the international filling date but later than the sprinciple date of involve an investive step when the document is to be considered to involve an investive step when the document is to be considered to involve an investive step when the document is to be considered to involve an investive step when the document is to be considered to involve an investive step when the document is to be considered to involve an investive step when the document is to combine of particular relevance the claimed document is to co			national classification and IPC			
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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 published on or after the international filing date earlier application or patent published on or after the international filing date earlier application or patent published on or after the international filing date earlier application or patent published on or after the international filing date earlier application or patent published on or after the international filing date earlier application or patent published on or after the international filing date earlier application or patent published on or after the international filing date earlier application or patent published on or after the international filing date earlier application or patent published on or after the international filing date earlier application but cited to understand the principle or theory underlying the invention of countert 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 novel or 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 Date of the actual completion of the international search Date of mailing of the international search report Authorised specifical Authori	X		1979), abstract, column 1-3, examples, 1-9			
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INTERNATIONAL SEARCH REPORT

International application No.

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