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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: METHODS OF TREATMENT OF INJURED OR DISEASED JOINTS WITH LUBRICIN COMPOSITIONS

(57) Abstract: The invention features pharmaceutical compositions that include lubricin, a compound that inhibits an enzyme selected from the group consisting of neutrophil elastase, cathepsin B, cathepsin K, cathepsin L, cathepsin S, papain, trypsin, chymotrypsin, subtilisin, pepsin, bromelain, ficin, Protease A, Protease B, Protease D, granzyme A, granzyme B, granzyme K, pepsin, thermolysin, pronase, dipeptidyl peptidase IV, and pancreatin, and a pharmaceutically acceptable excipient. Another aspect of the invention features methods of lubricating a joint in a mammal by contacting the joint with a pharmaceutical composition of the invention. The invention also features methods of inhibiting adhesion formation between a first surface and a second surface in a mammal (e.g., between injured tissues or between injured tissue and an artificial device).



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/43311

A. CLASSIFICATION OF SUBJECT MATTER

IPC: **A61K 38/16(2006.01);C07H 21/04(2006.01)**

USPC: **514/12: 514/8**

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. : 514/12

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.
Y	Jay (Tribonectin) WO 00/64930 2 November 2000 see citations in opinion	1-23
Y	Guild et al, (Compositions, kits, and methods for identification, assessment, prevention, and therapy of rheumatoid arthritis) US Patent Publication US 20030224386, 4 December 2003	1-23

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