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ning of each regular issue of the PCT Gazette.

(54) Title: NITROSATED NONSTEROIDAL ANTIINFLAMMATORY COMPOUNDS, COMPOSITIONS AND METHODS OF USE

(57) Abstract: The invention describes novel nitrosated nonsteroidal antiinflammatory drugs (NSAIDs) and pharmaceutically acceptable salts thereof, and novel compositions comprising at least one nitrosated NSAID, and, optionally, at least one compound that donates, transfers or releases nitric oxide, stimulates endogenous synthesis of nitric oxide, elevates endogenous levels of endothelium-derived relaxing factor or is a substrate for nitric oxide synthase, and/or at least one therapeutic agent. The invention also provides novel compositions comprising at least one nitrosated NSAID, and at least one compound that donates, transfers or releases nitric oxide, elevates endogenous levels of endothelium-derived relaxing factor, stimulates endogenous synthesis of nitric oxide or is a substrate for nitric oxide synthase and/or at least one therapeutic agent. The invention also provides novel kits comprising at least one nitrosated NSAID, and, optionally, at least one nitric oxide donor and/or at least one therapeutic agent. The invention also provides methods for treating inflammation, pain and fever; for treating gastrointestinal disorders; for facilitating wound healing; for treating and/or preventing gastrointestinal, renal and/or respiratory toxicities resulting from the use of nonsteroidal antiinflammatory compounds; for treating inflammatory disease states and/or disorders; and for treating and/or preventing ophthalmic diseases and/or disorders.



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**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : C07D 333/22; C07C 203/00; A61K 31/38, 31/13  
 US CL : 549/72; 558/482, 483; 514/448, 645

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)  
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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)  
 CAS ONLINE - structure search

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,780,495 A (DEL SOLDATO) 14 July, 1998 (14.07.1998), columns 1-4.	1-58
A	US 5,844,696 A (MASIA et al) 01 December 1998 (01.12.1998), columns 1-3.	1-58
A	US 5,861,426 A (DEL SOLDATO et al) 19 January 1999 (19.01.1999), columns 1-2.	1-58
A	US 6,538,033 B2 (BING) 25 March 2003 (25.03.2003), columns 1-4.	1-58
A	US 6,677,374 B2 (THATCHER et al) 13 January 2004 (13.01.2004), columns 1-3.	1-58

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See patent family annex.

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"A"	document defining the general state of the art which is not considered to be of particular relevance	"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
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"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

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