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[Continued on next page]

(54) Title: METHODS AND PHARMACEUTICAL COMPOSITIONS TO TREAT GASTRIC ACID DISORDERS

(57) Abstract: Methods of treating gastric acid disorders are disclosed comprising administering pharmaceutical compositions comprising a proton pump inhibitor and an effective parietal cell activation amount of a cholinergic agonist.

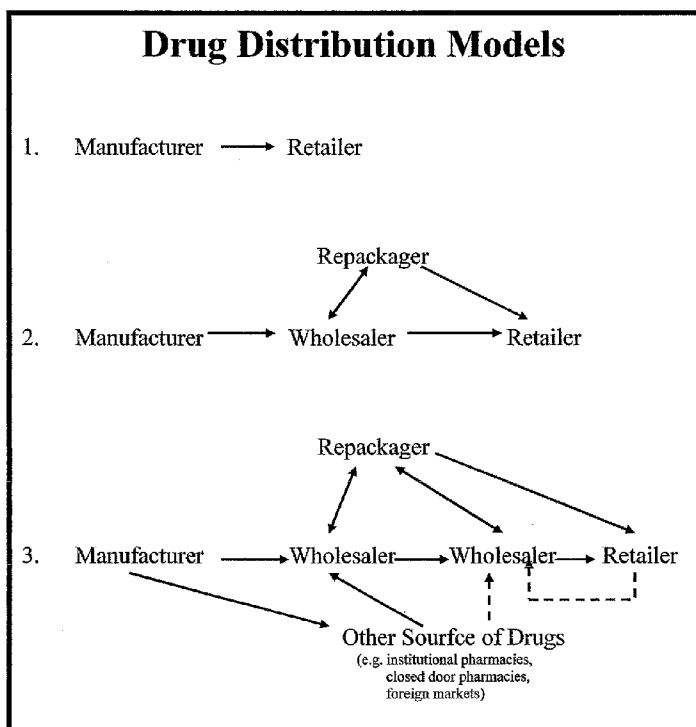


Fig. 1

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# INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**

IPC: **A61K 31/14( 2006.01),31/4439( 2006.01)**

USPC: **514/338,642**

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. : 514/338, 642

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)  
STN

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2004/0248942 A1 (HEPBURN et al.) 9 December 2004 (09.12.2004), see entire document.	1-306
Y	FLYNN, CA, "The Evaluation and Treatment of Adults with Gastroesophageal Reflux Disease," Journal of Family Practice, vol. 50 (January 1, 2001), pp. 57-63.	1-306

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	Symbol
"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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