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**WO 03/011117 A3**

(54) Title: METHODS AND COMPOSITIONS FOR TREATING AND PREVENTING DISTAL BOWEL LESIONS

(57) Abstract: This invention features compositions and methods for treating and preventing distal bowel disease by rectal administration of intestinal trefoil factors. The intestinal trefoil factor can be administered either alone or in combination with one or more antimicrobial agents, anti-inflammatory agents or analgesics.

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US02/24313

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : A01N 37/18; A61K 38/00  
 US CL : 514/2; 12

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. : 514/2; 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.
X --- Y	WO 97/38712 A1 (THE GENERAL HOSPITAL CORPORATION) 23 October 1997 (23.10.97), see page 6, line 29- page 7, line 15, page 37, lines 29-33 and page 38, lines 6-8.	1-15, 37-44 ----- 16-36, 45-58
Y	SEGARS et al. Mesalamine and osalazine:5-Aminosalicylic acid agents for the treatment of inflammatory bowel disease. Clinical Pharmacy. June 1992. Vol. 11, pages 514-528, see entire document.	16-36, 45-58
Y	BOTOMAN et al. Management of Inflammatory Bowel Disease. American Family Physician. 01 January 1998. Vol. 57, No. 1, pages 57-68, see entire document.	16-36, 54-58
Y	HAMMER. Was gibt es Neues in der Diagnostik und Therapie des Morbus Crohn und der Colitis ulserosa ? Schweiz Med Wochenschr. 1994. Vol. 124, pages 452-460, see summary.	16-36, 45-48
Y	STEIN et al. Comparative Tolerability of Treatments for Inflammatory Bowel Disease. Drug Safety. November 2000. Vol. 23, No. 5, pages 429-448, see entire document.	16-36, 45-58

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	"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
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document 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
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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"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		

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INTERNATIONAL SEARCH REPORT

PCT/US02/24313

**Continuation of B. FIELDS SEARCHED Item 3:**

WEST, MEDLINE, EMBASE, JAPIO.

SEARCH TERMS: ITF, intestinal trefoil factor, inflammatory bowel disease, rectal, suppository, treatment, therapy, anti-bacterial, anti-fungal, anti-inflammatory, anti-viral.