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(54) Title: TRANSDERMAL TREATMENT OF TENDINOPATHY USING GLYCERYL TRINITRITE

(57) Abstract: The present invention provides methods for treating tendinopathy providing a durability of effect by administering nitroglycerin. Such methods include methods for relieving pain associated with such tendinopathies. The use of a transdermal patch configured to deliver glyceryl trinitrate at a rate of 5 mcg/hr to about 85 mcg/hr.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/13117

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC(8): **A61F 13/00**

USPC: 424/449  
 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. : 424/449

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	PAOLONI et al., "Topical Triglyceryl Trinitrate Treatment of Chronic Noninsertional Achilles Tendinopathy", The Journal of Bone and Joint Surgery, jbjs ORG, volume 86-A. Number 5. May 2004, pages 916-922.	1-20
X	PAOLONI et al., "Topical Nitric Oxide in the Treatment of Chronic Extensor Tendinosis at the Elbow", The American Journal of Sports Medicine, Vol. 31, No. 6, 2003, pages 915-920.	1-20

Further documents are listed in the continuation of Box C.  See patent family annex.

* Special categories of cited documents:	
"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 in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more such documents, such combination being obvious to a person skilled in the art
"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 claimed	"&" document member of the same patent family

Date of the actual completion of the international search 10 April 2008 (10.04.2008)	Date of mailing of the international search report <b>25 APR 2008</b>
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Continuation of B. FIELDS SEARCHED Item 3:  
WEST all data bases  
Search Terms: transdermal, glyceryl trinitrate, tendinopathy