



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	US 2002/183682 A1 (DARVISH NISSIM [IL] ET AL) 5 December 2002 (2002-12-05) * paragraphs [0001], [0043], [0062], [0063], [0119] * -----	1,7-10	INV. A61N1/32
Y	US 6 219 576 B1 (GUPTA SUNEEL K [US] ET AL) 17 April 2001 (2001-04-17) * columns 1,6 * -----	1,7-9	
Y	US 2003/040696 A1 (MORI KENJI [US] ET AL) 27 February 2003 (2003-02-27) * paragraphs [0002], [0041], [0067] * -----	1,7-10	
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search		Date of completion of the search	Examiner
Munich		14 July 2008	Aronsson, Fredrik
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 05 71 8874

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002183682 A1	05-12-2002	NONE	
US 6219576 B1	17-04-2001	NONE	
US 2003040696 A1	27-02-2003	NONE	

专利名称(译)	在胃肠道中的活性药物递送		
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CPC分类号	A61B1/041 A61B1/00016 A61B1/00156 A61B5/0008 A61B5/01 A61B5/036 A61B5/073 A61B5/14532 A61B5/14539 A61B5/14546 A61B5/4839 A61B17/3203 A61B18/02 A61B18/14 A61B18/20 A61B34/70 A61B34/72 A61J3/07 A61K9/0004 A61K9/0009 A61K9/0097 A61K9/4808 A61M31/002 A61N1/05 A61N1/306 A61N1/325 A61N1/327 A61N1/36007 A61N1/3605 A61N1/37205 A61N1/3756 G01K13/002		
优先权	10/901742 2004-07-29 US 10/838072 2004-05-03 US		
其他公开文献	EP1746977A2		
外部链接	Espacenet		

摘要(译)

提供了用于药物施用的装置 (30) , 包括可摄取的胶囊 (32) , 其包括由胶囊 (32) 储存的药物 (36) , 以及适于改变其状态的环境敏感机构 (18) 。响应于在受试者的胃肠 (GI) 道 (50) 内的胶囊 (32) 的布置。胶囊 (32) 还包括第一和第二电极 (16) , 以及控制部件 (14) , 其适于响应于环境敏感机构 (18) 的状态变化而促进药物 (36) 的通过。通过驱动第一和第二电极 (16) , 以小于约10mA的电流施加一系列脉冲, 频率在约12Hz和约24Hz之间, 通过胃肠道 (50) 的上皮层并且脉冲持续时间在约0.5毫秒至约3毫秒之间。还描述了其他实施例。