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**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 45 of the European Patent Convention EP 02 71 6285
shall be considered, for the purposes of subsequent
proceedings, as the European search report

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	WO 99/30610 A (GIVEN IMAGING LTD [IL]; GAVRIEL J IDAN [IL]; GAVRIEL MERON [IL]) 24 June 1999 (1999-06-24) * the whole document *	1-6,8, 23-59	INV. A61B5/103 A61B8/12 A61B6/12
Y	US 3 690 309 A (PLUZHNIKOV VIKTOR MIKHAILOVICH ET AL) 12 September 1972 (1972-09-12) * the whole document *	1-6,8, 23-59	
A	WO 00/22975 A (GIVEN IMAGING LTD [IL]; MERON GAVRIEL [IL]; IDAN GAVRIEL [IL]) 27 April 2000 (2000-04-27) * page 8, line 11 - page 12, line 3 * * figure 4 *	1-9, 23-59	
A	DE 15 16 429 A1 (WOLF GMBH RICHARD) 4 December 1969 (1969-12-04) * the whole document *	1-9, 23-59	
A	US 4 015 592 A (BRADLEY-MOORE PATRICK RALPH) 5 April 1977 (1977-04-05) * abstract *	1-9, 23-59	TECHNICAL FIELDS SEARCHED (IPC) A61B
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
INCOMPLETE SEARCH			
The Search Division considers that the present application, or some or all of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for the following claims: Claims searched completely : Claims searched incompletely : Claims not searched : Reason for the limitation of the search: see sheet C			
Place of search Munich		Date of completion of the search 27 August 2007	Examiner Willig, Hendrik
CATEGORY OF CITED DOCUMENTS 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 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			



Claim(s) not searched:
21,22

Reason for the limitation of the search:

Claims 21 and 22 are directed to a ingestible device, arranged for traveling within a gastrointestinal tract of a body comprising at least two probes, wherein each probe is operative to perform a different diagnostic image, a data-handling apparatus, in signal communication with said probes, for receiving and handling imaging data, generated by said probes, a power source, for powering said probes and said data-handling apparatus, and a shell, which encapsulates said probes, data-handling apparatus, and power source within. The probes can be selected from a plurality of about 10 technically completely different probes.

An ingestible device with two different probes is known from WO 00/22975 (see fig. 4, p. 8, l. 11 to p. 9, l. 3). The concept of having two different probes in one ingestible device does thus principally not contribute to an inventive step in the sense of Art. 56 EPC.

Accordingly, an inventive step might reside in one or more of the possible combinations of the probes. However, since each of the probes can be selected from a plurality of about 10 probes, the number of possible combinations is extremely large, so that the provisions of clarity and conciseness in the sense of Art. 84 cannot be seen to be fulfilled. The non-compliance with the substantive provisions of Art. 84 EPC is even to such an extent that a meaningful search of the subject-matter of claims 21 and 22 cannot be carried out (Rule 45 EPC and Guidelines B-VIII, 3).



CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1- 9, 23- 59



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-9, 23-59 (as far as claims 23-59 depend on claim 1)

Ingestible device with a probe to generate diagnostic imaging data based on nuclear radiation of a radiopharmaceutical.

2. claims: 10-14, 23-59 (as far as claims 23-59 depend on claim 10 or 13)

Ingestible device with a probe to generate diagnostic imaging data based on fluorescence radiation.

3. claims: 15-17, 23-59 (as far as claims 23-59 depend on claim 15 or 17)

Ingestible device with a probe to generate diagnostic imaging data based on temperature.

4. claims: 18, 23-59 (as far as claims 23-59 depend on claim 18)

Ingestible device with a probe to generate diagnostic imaging data based on impedance.

5. claims: 19, 23-59 (as far as claims 23-59 depend on claim 19)

Ingestible device with a probe to generate diagnostic imaging data based on ultrasound.

6. claims: 20, 23-59 (as far as claims 23-59 depend on claim 20)

Ingestible device with a probe to generate diagnostic imaging data based on magnetic resonance.

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

EP 02 71 6285

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
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

27-08-2007

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9930610 A	24-06-1999	AT 354309 T	15-03-2007
		AU 751740 B2	29-08-2002
		AU 1574599 A	05-07-1999
		CA 2314104 A1	24-06-1999
		EP 1039830 A1	04-10-2000
		JP 2002508201 T	19-03-2002
		US 6428469 B1	06-08-2002
US 3690309 A	12-09-1972	NONE	
WO 0022975 A	27-04-2000	AU 6364599 A	08-05-2000
		CA 2347274 A1	27-04-2000
		EP 1123035 A1	16-08-2001
		JP 2003524448 T	19-08-2003
		JP 2007196004 A	09-08-2007
		US 2006004285 A1	05-01-2006
		US 6950690 B1	27-09-2005
DE 1516429 A1	04-12-1969	FR 1511373 A	26-01-1968
US 4015592 A	05-04-1977	NONE	

专利名称(译)	可摄取的装置		
公开(公告)号	EP1359845A4	公开(公告)日	2007-12-19
申请号	EP2002716285	申请日	2002-01-22
[标]申请(专利权)人(译)	V的目标TECH		
申请(专利权)人(译)	V-TARGET TECHNOLOGIES LTD.		
当前申请(专利权)人(译)	V-TARGET TECHNOLOGIES LTD.		
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IPC分类号	A61B5/103 G01R33/34 A61B1/00 A61B5/00 A61B5/01 A61B5/05 A61B5/055 A61B5/06 A61B5/07 A61B6/12 A61B8/12 A61K51/00 G01R33/28 G01T1/161 G01T1/20 G01T1/24		
CPC分类号	A61B8/12 A61B1/041 A61B5/06 A61B5/061 A61B5/062 A61B5/067 A61B5/073 A61B5/411 A61B5/415 A61B5/42 A61B6/425 A61B6/4258 A61B6/4423 A61B6/482 A61B8/4472 A61B8/56		
优先权	09/765316 2001-01-22 US 60/285233 2001-04-23 US		
其他公开文献	EP1359845A2 EP1359845B1		
外部链接	Espacenet		

摘要(译)

提供了一种可摄取装置，其适于在胃肠道中进行进并在其中执行组织的诊断图像。诊断图像可以包括作为时间的函数的诊断信息，或作为胃肠道内行进的距离的函数的诊断信息。具体地，可摄入装置可以被布置成执行放射性药物的核辐射的诊断图像，闪烁液体的闪烁，响应于放射性药物的核辐射，荧光药物或裸胃肠道组织的光学荧光，红外线。胃肠道组织的辐射，沿胃肠道的温差，阻抗，超声反射，磁共振及其组合。可摄取装置一方面可以适用于大群体的一般筛查，另一方面适用于疑似病理的特定诊断。

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A	DE 15 16 425 A1 (WOLF GHEH RICHARD) 4 December 1969 (1969-12-04) * the whole document *	1-9, 23-59	
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The systematicity of search and/or availability of the state of the art has been based on the last set of claims valid			
INCOMPLETE SEARCH			
The search has been conducted on the basis of the present application, or some or all of its claims, does/ do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for the following reasons:			
Claims searched completely:			
Claims searched incompletely:			
Claims not searched:			
Reason for the limitation of the search: see sheet C			
3	Place of search Munich	Date of completion of the search 27 August 2007	Examiner Willig, Hendrik
CATEGORY OF CITED DOCUMENTS			
X: particularly relevant if taken alone Y: pertinent if considered with another document of the same category A: technological background D: non-written disclosure P: intermediate document			
I: 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 K: member of the same patent family, corresponding document			