DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Y	MASUTANI Y., YOSHIDA H., MACENEANEY P. M., DACHMAN A. H.: "Automated Segmentation of Colonic Walls for Computerized Detection of Polyps in CT Colonography" JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY, vol. 25, no. 4, 31 August 2001 (2001-08-31), pages 629-638, XP009047881 * abstract * * page 629, right-hand column, line 11 - page 633, right-hand column, line 4 * * figures 2-11 *	1,2,4-8, 21-23, 36,37, 39-43	G06T5/00 G06T7/00
Y	CHEN D ET AL: "NOVEL APPROACH TO EXTRACT COLON LUMEN FROM CT IMAGES FOR VIRTUAL COLONSCOPY" IEEE TRANSACTIONS ON MEDICAL IMAGING, IEEE INC. NEW YORK, US, vol. 19, no. 12, 1 December 2000 (2000-12-01), pages 1220-1226, XP001003262 ISSN: 0278-0062 * page 1222, right-hand column, last paragraph - page 1223, right-hand column, line 2 * * figures 4,5 *	1,2,4-8, 21-23, 36,37, 39-43	

TECHNICAL FIELDS SEARCHED (Int.Cl.7)

G06T

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The supplementary search report has been based on the last set of claims valid and available at the start of the search.

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Place of search	Date of completion of the search	Examiner
Munich	24 May 2005	Klemencic, A

EPO FORM 1503 03.82 (P04C04)

European Patent
Office

SUPPLEMENTARY
EUROPEAN SEARCH REPORT

Application Number

EP 02 80 1654

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	YOSHIDA H., MASUTANI Y., MACENEANEY P., DACHMAN A. H.: "Computer-aided detection of polyps in CT colonography based on geometric features" PROC. SPIE MEDICAL IMAGING 2001; PHYSILOLOGY AND FUNCTION FROM MULTIDIMENSIONAL IMAGES, vol. 4321, 31 May 2001 (2001-05-31), pages 53-57, XP001206312	24-31,38	
Y	* abstract * Sections 2.1, 2.2 and 2.3 -----	9-23, 32-35	
Y	NÄPPI J., DACHMAN A.H., MACENEANEY, YOSHIDA H.: "Computer-Aided Detection of Polyps in CT Colonography: Evaluation of Volumetric Features in Differentiating Polyps from False Positives" PROCEEDINGS OF THE 15TH INTERNATIONAL CONGRESS AND EXHIBITION; COMPUTER ASSISTED RADIOLOGY AND SURGERY, vol. 123, 27 June 2001 (2001-06-27), pages 635-640, XP009047888 BERLIN * abstract * * page 636, line 3 - page 638, line 1 * * page 639, line 2 - line 12 * -----	9-23, 32-35	TECHNICAL FIELDS SEARCHED (Int.Cl.7)

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2

Place of search	Date of completion of the search	Examiner
Munich	24 May 2005	Klemencic, A

EPO FORM 1503 03.82 (P04C04)

专利名称(译)	计算机辅助检测三维病变

公开(公告)号	EP1436771A4	公开(公告)日	2005-07-20
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优先权	60/329322 2001-10-16 US
其他公开文献	EP1436771A2 EP1436771B1
外部链接	Espacenet

摘要(译)

一种用于识别体积区域内的至少一个三维延伸病变的方法，系统和计算机程序产品，所述体积区域包括靶器官的内表面，外表面和间插组织。该方法包括：（1）从一组目标器官的横截面图像生成表示总扫描体积的一组体素；（2）执行分割以从表示总扫描体积的体素集合中提取表示体积区域的一组体素；（3）基于表示体积区域的体素集中的每个体素的几何特征值来检测一组候选病变；（4）基于该组候选病变中的每个病变的体积，形态和纹理特征值中的至少一个，从该组候选病变中选择至少一个三维延伸病变。

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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	24 May 2005	Klemencic, A

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D : document cited in the application
L : document cited for other reasons

& : member of the same patent family, corresponding document