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(71)	Applicant: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. Kadoma-shi, Osaka 571-0050 (JP)	Yokohama-shi Kangawa 240-0041 (JP) <ul> <li>Ogawa, Ichiro</li> <li>Yokohama-shi Kangawa 240-0001 (JP)</li> </ul>				
· · /	Inventors: Shibata, Akira Yokohama-shi Kanagawa 222-0031 (JP)	<ul> <li>(74) Representative: Pautex Schneider, Nicole et al Novagraaf International SA</li> <li>25, avenue du Pailly</li> <li>1220 Les Avanchets - Geneva (CH)</li> </ul>				

## (54) Image search apparatus

(57) An image search apparatus, which searches for an arbitrary image on an HDD whereon images, obtained by monitor cameras, are recorded in a time sequence for each screen, has a CPU which sequentially reads images from the HDD for individual screens, comparing means compares an image read by the CPU with a subsequently read image, designates the subsequently read image as an arbitrary image when the two images do not match, and transmits the arbitrary image to the CPU as the search results. Therefore, the image search apparatus can easily search for an arbitrary image among images that have been photographed by cameras and have been recorded in a time sequence.

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## EUROPEAN SEARCH REPORT

Application Number EP 03 02 3877

l	DOCUMENTS CONSIDERE	D TO BE RELEVANT			
Category	Citation of document with indicat of relevant passages	ion, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)	
х	US 5 459 517 A (KUNITA 17 October 1995 (1995- * column 3, lines 5-27 * column 7, lines 1-21 * column 8, line 6 - c * column 9, line 51 - figures 9,10 * * column 11, lines 58-	10-17) * ; figure 5 * olumn 9, line 50 * column 10, line 39;	1-8	G06F17/30 H04N5/14 H04N7/18 TECHNICAL FIELDS SEARCHED (Int.Cl.7)	
х	EP 0 675 495 A (SIEMEN RESEARCH, INC) 4 Octob * page 4, lines 7-44 * * page 5, lines 12-42 * page 7, lines 46-56;	er 1995 (1995-10-04) *	1-8		
Х	US 5 969 755 A (COURTN 19 October 1999 (1999- * abstract * * column 3, line 66 - figure 1 * * column 12, lines 1-6 * column 14, lines 1-1	10-19) column 5, line 57; 0; figure 16 *	1,2		
A	WHITAKER J. ET AL: "VI 1998, MCGRAW-HILL, X ISBN: 0-07-063344-4 * Chapter 9.8 *	DEO COMPRESSION" P002324874	1	H04N G06F G06T G08B	
A	CLARKE R.J.: "Digital images and video" 1995, ACADEMIC PRESS * Chapter "3.10.3 The 	, XP002324875 JPEG Algorithm" * 	1		
	The present search report has been	•			
		Date of completion of the search	Sic	Examiner Siodmok, W	
		E : earlier patent doc after the filing dat D : document cited ir L : document cited fo 	T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document oited in the application L : document oited for other reasons & : member of the same patent family, corresponding document		

## EP 1 413 962 A3

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

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.

15-04-2005

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5459517	A	17-10-1995	JP JP JP	3036287 6236439 2000076462	A	24-04-2000 23-08-1994 14-03-2000
EP 0675495	A	04-10-1995	DE DE EP	69527457 69527457 0675495	T2	29-08-200 23-01-200 04-10-199
US 5969755	A	19-10-1999	EP EP JP	1184810 0805405 10084525	A2	06-03-200 05-11-199 31-03-199

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