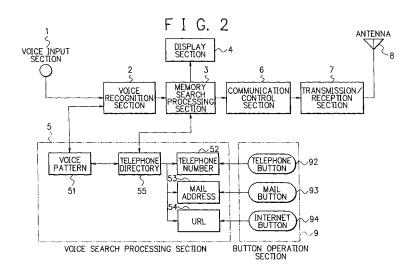
(19)	Europäisches Patentamt European Patent Office Office européen des brevets	(11) EP 1 220 518 A3
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(71)	Applicant: NEC CORPORATION Tokyo (JP)	

(54) Mobile communications terminal, voice recognition method for same, and record medium storing program for voice recognition

(57) A voice input section (1) receives voice of the user designating a name etc. and outputs a voice signal to a voice recognition section (2). The voice recognition section (2) analyzes and recognizes the voice signal and thereby obtains voice data. The voice data is compared with voice patterns (51) that have been registered in the mobile communications terminal corresponding to individuals etc. and thereby a voice pattern (51) that most matches the voice data is searched for and retrieved. If the retrieval of a matching voice pattern (51) succeeded, a memory search processing section (3) refers to a voice-data correspondence table (50) and thereby calls up a telephone directory (55) that has been registered corre-

sponding to the retrieved voice pattern (51). In each telephone directory (55), various types of data (telephone number (52), mail address (53), URL (54), etc.) of an individual etc. to be used for starting communication have been registered previously. The type of data to be called up is designated by button operation etc. When a telephone directory (55) is called up, data of the designated type is called up from the telephone directory (55) and used for starting communication. By the employment of the telephone directories (55), the voice recognition rate can be maintained high even if the number of registered data increased, thereby operability of the mobile communications terminal can be improved.



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European Patent Office

EUROPEAN SEARCH REPORT

Application Number EP 01 13 0227

Category	Citation of document with indica of relevant passages		Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)		
X	DE 197 51 170 A1 (ROB STUTTGART, DE) 2 June	ERT BOSCH GMBH, 70469 1999 (1999-06-02)	1,2,5-8, 11-14, 17-20, 23-26, 29-32, 35,36	H04M1/27		
Ą	* the whole document	*	3,4,9, 10,15, 16,21, 22,27, 28,33,34			
x	US 6 157 844 A (DORAN 5 December 2000 (2000 * abstract *		1,7,13, 19,25,31			
•	* column 1, lines 32- * column 2, lines 1-4 * column 3, lines 13- * column 3, line 51 - * figures 1,2 *	,39-55 * 19,36,37 *	2.6	TECHNICAL FIELDS SEARCHED (IPC)		
А			2-6, 8-12, 14-18, 20-24, 26-30, 32-36	H04M		
٩	WO 98/56151 A (INFOGE CORPORATION) 10 Decem		3,7,9, 15,19, 21,27, 31,33			
	* abstract * * page 3, lines 10,11 * figure 1 * -	*				
		-/				
	The present search report has beer	n drawn up for all claims				
	Place of search Munich	Date of completion of the search 30 March 2006	Doh	Examiner 1, M		
X : parti Y : parti docu	TEGORY OF CITED DOCUMENTS oularly relevant if taken alone oularly relevant if combined with another ment of the same category	T : theory or principle E : earlier patent door after the filing date D : document cited in L : document cited for	underlying the ir ument, but publis the application r other reasons	ivention hed on, or		
O : non	nological background written disclosure mediate document		& : member of the same patent family, corresponding document			



European Patent Office

EUROPEAN SEARCH REPORT

Application Number EP 01 13 0227

	DOCUMENTS CONSIDERE		Delever		
Category	Citation of document with indication of relevant passages	on, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)	
٩	GB 2 226 675 A (* KABUS TOSHIBA; KABUSHIKI KAIS 4 July 1990 (1990-07-04 * the whole document *	SHA * TOSHIBA)	1-36		
Ą	EP 0 854 417 A (TEXAS) 22 July 1998 (1998-07-2 * the whole document * 	NSTRUMENTS INC) 22)	1-36		
				TECHNICAL FIELDS SEARCHED (IPC)	
	The present search report has been d	Date of completion of the search		Examiner	
	Munich	30 March 2006	Poh	1, M	
X : parti Y : parti docu A : tech	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with another ment of the same category nological background written disclosure	E : earlier patent do after the filing dat D : document cited i L : document cited f	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 oited for other reasons 		

EP 1 220 518 A3

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

EP 01 13 0227

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.

30-03-2006

	^D atent document ed in search report		Publication date		Patent family member(s)		Publication date
DE	19751170	A1	02-06-1999	WO	9927695	A1	03-06-199
US	6157844	A	05-12-2000	AU BR CA WO	6368900 0006965 2345777 0110144	A Al	19-02-200 07-08-200 08-02-200 08-02-200
WO	9856151	A	10-12-1998	AU CA EP US ZA	7720498 2286045 0963647 6285364 9804539	A1 A1 B1	21-12-199 10-12-199 15-12-199 04-09-200 29-11-199
GB	2226675	A	04-07-1990	GB JP JP KR	2258936 2178698 2793213 9305223	A B2	24-02-199 11-07-199 03-09-199 16-06-199
EP	0854417	A	22-07-1998	JP SG TW US	10275162 72780 497044 6188985	A1 B	13-10-199 23-05-200 01-08-200 13-02-200
							13-02-200

EPO FORM P0459