(11) **EP 0 961 431 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **24.10.2001 Bulletin 2001/43**

(51) Int Cl.7: **H04H 1/00**

(43) Date of publication A2: 01.12.1999 Bulletin 1999/48

(21) Application number: 99304209.2

(22) Date of filing: 28.05.1999

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU

MC NL PT SE

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: 28.05.1998 JP 16418698

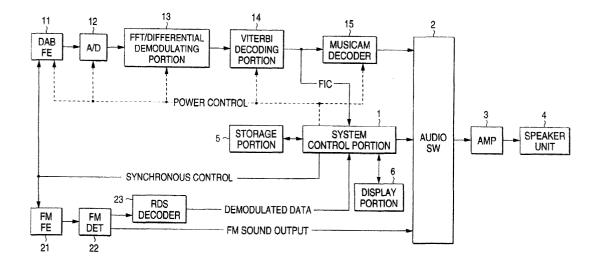
(71) Applicant: PIONEER ELECTRONIC CORPORATION
Meguro-ku Tokyo-to (JP)

(72) Inventors:

- Toki, Katsuhiko, c/o Pioneer Electronic Corp. Kawagoe-shi, Saitama (JP)
- Miyake, Takashi, c/o Pioneer Electronic Corp. Kawagoe-shi, Saitama (JP)
- Abe, Mikito, c/o Pioneer Electronic Corporation Kawagoe-shi, Saitama (JP)
- (74) Representative: Haley, Stephen
 Gill Jennings & Every,
 Broadgate House,
 7 Eldon Street
 London EC2M 7LH (GB)
- (54) Receiver for receiving Digital Audio Broadcast (DAB) programmes, comprising a selection means for selecting a sound signal from several sources
- (57) A receiver which is capable of selecting an audio output of the receiver from audio outputs of a plurality of signal sources is provided. When a digital broadcast receiving portion has been selected as the signal

source, a state of reception of the digital broadcast receiving portion is determined. In accordance with a result of the determination, whether or not the ensemble which is being received has been ended is announced through announcing unit.

FIG. 1





EPO FORM 1503 03.82 (P04001)

EUROPEAN SEARCH REPORT

Application Number EP 99 30 4209

Category	Citation of document with it of relevant pass	ndication, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Α	EP 0 788 251 A (ALP 6 August 1997 (1997	INE ELECTRONICS INC) -08-06) - column 2, line 20;	1	H04H1/00
A	WO 93 09615 A (TELE RUNDFUNK) 13 May 19 * the whole documen	93 (1993-05-13)	1	
A	GENERATION OF DAB R EBU REVIEW- TECHNIC BROADCASTING UNION.	AL, EUROPEAN BRUSSELS, BE, 97 (1997–06–21), pages	1	
				TECHNICAL FIELDS SEARCHED (Int.Cl.6)
				H04H
	The present search report has b			
	Place of search THE HAGUE	Date of completion of the search 31 August 2001	De i	Examiner Haan, A.J.
X : partic Y : partic docu A : techr O : non-	ATEGORY OF CITED DOCUMENTS cularly relevant if taken alone cularly relevant if combined with anothment of the same category nological background written disclosure nediate document	T : theory or princip E : earlier patent d after the filling d b : document clied L : document cited	ole underlying the in ocument, but publis ate in the application for other reasons	nvention shed on, or

2

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

EP 99 30 4209

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.

31-08-2001

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 0788251	Α	06-08-1997	JP	9214379 A	15-08-19
WO 9309615	A	13-05-1993	DE	4136068 A	06-05-19
			AT	163114 T	15-02-19
			AU	2892492 A	07-06-19
			CN	1072300 A,B	19-05-19
			DE	59209190 D	12-03-19
			EP	0610313 A	17-08-19
			ES	2113 959 T	16-05-19
			JP	7500710 T	19-01-19
			KR	255884 B	01-05-20
			SG	48285 A	17-04-19
			US	5584051 A	10-12-19
			ZA	9208365 A	11-05-19

FORM P0459

the Formore details about this annex :see Official Journal of the European Patent Office, No. 12/82