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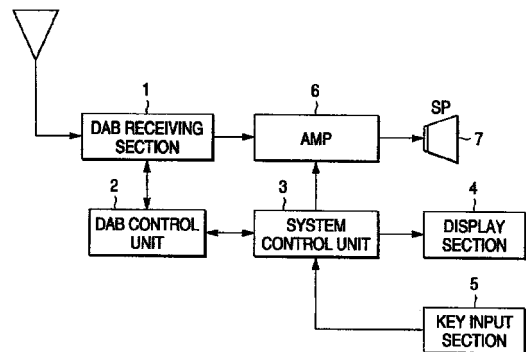
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(54) **Receiver for receiving Digital Audio Broadcast (DAB) programmes comprising language information**

(57) A digital broadcast receiving apparatus for receiving digital audio broadcast which transmits digital signals indicating language information about the type of a language for use in each component for constituting a service such that the digital signals are transmitted together with audio information of each of the components, the digital broadcast receiving apparatus incorporates: a structure for determining whether or not a component having a previously instructed language information exists in a service when the service is selected, wherein a predetermined component is selected in accordance with a result of the determination.

FIG. 7





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EUROPEAN SEARCH REPORT

Application Number
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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.6)
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 13, 30 November 1998 (1998-11-30) & JP 10 209990 A (KENWOOD CORP), 7 August 1998 (1998-08-07) * abstract *	1,4	H04H1/00
A	EP 0 579 955 A (TELEFUNKEN FERNSEH & RUNDFUNK) 26 January 1994 (1994-01-26) * column 1, line 1 - column 2, line 44; claim 1; figure 1 *	1,4	
A	WO 96 36141 A (NOKIA TELECOMMUNICATIONS OY ;RINNE MIKA (FI)) 14 November 1996 (1996-11-14) * page 1, line 1 - page 2, line 7; claim 1 *	1,4	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			H04H
Place of search	Date of completion of the search	Examiner	
THE HAGUE	19 February 2001	De Haan, A.J.	
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p> <p>& : member of the same patent family, corresponding document</p>			

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

EP 99 30 3222

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
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19-02-2001

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 1020990 A	07-08-1998	NONE	
EP 0579955 A	26-01-1994	DE 4219994 C AT 198016 T CN 1081300 A, B DE 59310124 D JP 6181461 A KR 237905 B	29-07-1993 15-12-2000 26-01-1994 11-01-2001 28-06-1994 15-01-2000
WO 9636141 A	14-11-1996	FI 98024 B AU 708581 B AU 5649496 A EP 0770291 A JP 10503043 T NO 970125 A US 5946326 A	13-12-1996 05-08-1999 29-11-1996 02-05-1997 17-03-1998 06-03-1997 31-08-1999

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