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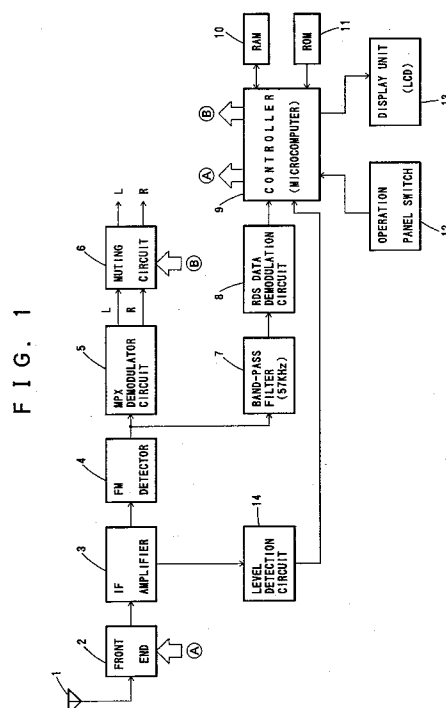
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(54) **A RDS receiver.**

(57) The present invention provides an RDS receiver for use with an automobile which receives data concerning radio broadcasting stations incorporated within a network and is capable of, in case the electric field strength of a radio station currently being received has decreased to less than a predetermined level in some way or other, automatically selecting a radio wave broadcast from another radio station having a higher electric field strength in the same network, wherein the RDS receiver, in automatically changing from a radio station currently being received to another radio station broadcasting the same program, extends or shortens a muting time during which the muting operation is executed, by controlling a station detector (SD) waiting time, which is a required period of time until the SD signal becomes high level, in proportion to a difference between the frequency currently being received and that of another radio station.

In order to complete the above object, the RDS receiver according to the present invention comprises a controlling means to calculate a difference between the frequency currently being received and that of another radio station, and controls an SD (station detector) waiting time in proportion to the thus figured-out difference therebetween.





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## EUROPEAN SEARCH REPORT

Application Number

EP 92 10 3754

### 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.5)
A	PATENT ABSTRACTS OF JAPAN vol. 13, no. 381 (E-810)23 August 1989 & JP-A-11 30 630 ( SANYO ELECTRIC ) * abstract *	1-3	H04H1/00
A	--- PATENT ABSTRACTS OF JAPAN vol. 13, no. 413 (E-820)12 September 1989 & JP-A-11 51 318 ( PIONEER ) * abstract *	1-3	
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			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H04H H03J
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 25 NOVEMBER 1992	Examiner S J LAMBLEY
<b>CATEGORY OF CITED DOCUMENTS</b> 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 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 ..... & : member of the same patent family, corresponding document			