

Title (en)
Method of controlling RDS receiver

Title (de)
Verfahren zur Steuerung eines RDS-Empfängers

Title (fr)
Procédé de commande d'un récepteur RDS

Publication
EP 0503202 B1 19970305 (EN)

Application
EP 91311992 A 19911223

Priority
• JP 4326491 A 19910308
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• JP 4326691 A 19910308

Abstract (en)
[origin: EP0503202A2] To permit a user to listen to a broadcasting program of the same network in good receiving conditions when a multipath occurs on an RDS broadcasting wave that is being received at an intermediate field intensity, it is judged whether or not a lock detection signal is produced from a lock detector every unit time during reception of a broadcasting wave; and when the frequency of judgement in a set time that no lock detection signal is produced is greater than a reference value, frequency data of one station of that group of network stations to which a broadcasting station of the receiving broadcasting wave belongs is read out from a memory and the reception frequency is switched to the frequency indicated by the current frequency data read out. To ensure quick transition to the reception of the RDS broadcasting wave that can assure good receiving conditions even when a vehicle is driving in a tunnel or a mountainous area, an average level of a reception signal level of a currently receiving broadcasting wave may be calculated in a predetermined time at every given timing, and when a previous average level is higher than a first predetermined value and a current average level is lower than a second predetermined value smaller than the first predetermined value, or when the previous average level is lower than the second predetermined value and the current average level is higher than the first predetermined value, frequency data of one station of that network station group to which a broadcasting station broadcasting the currently receiving broadcasting wave belongs is read out from the memory, and the reception frequency is switched to the frequency indicated by the read out frequency data. Further, to ensure quick transition to the reception of the RDS broadcasting wave that can assure good receiving conditions even when the reception of the currently receiving RDS broadcasting wave becomes poor, when such poor reception of the currently receiving RDS broadcasting wave occurs, those pieces of frequency data which can assure a field intensity equal to or higher than a set level are first extracted from a frequency data list stored in the memory, then that piece of the extracted frequency data which has the highest reception signal level is selected, and the reception frequency is switched to the frequency indicated by the selected frequency data. <IMAGE>

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H04H 1/00

IPC 8 full level
H04H 1/00 (2006.01); **H04H 20/26** (2008.01)

CPC (source: EP)
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Cited by
EP2073391A1; EP1755229A4; EP0632368A1; EP0732822A1; US5802067A; EP0701341A3; EP1883233A1; US8705370B2; US8957769B2; WO2010087990A1; US9554319B2

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