

Title (en)
A RDS RECEIVER

Publication
EP 0507096 A3 19930303 (EN)

Application
EP 92103754 A 19920305

Priority
JP 6665291 A 19910329

Abstract (en)
[origin: EP0507096A2] 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. <IMAGE>

IPC 1-7
H04H 1/00

IPC 8 full level
H03J 7/18 (2006.01); **H03J 7/02** (2006.01); **H04B 1/16** (2006.01)

CPC (source: EP)
H04H 20/22 (2013.01); **H04H 20/26** (2013.01); **H04H 40/18** (2013.01); **H04H 2201/13** (2013.01)

Citation (search report)
• [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 381 (E-810)23 August 1989 & JP-A-11 30 630 (SANYO ELECTRIC)
• [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 413 (E-820)12 September 1989 & JP-A-11 51 318 (PIONEER)

Cited by
DE4421694B4; EP0767553A1; US5510798A; US6618585B1; EP1446964A4; EP0597492A1; US5493711A; US5960328A; CN1111965C; US5584060A; FR2753021A1; EP0837574A1; US5745842A; US5787338A; EP1073224A3; US8068832B2; WO9423310A1; WO9422226A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0507096 A2 19921007; EP 0507096 A3 19930303; EP 0507096 B1 19970604; DE 69220130 D1 19970710; DE 69220130 T2 19970918; JP 2978263 B2 19991115; JP H04302211 A 19921026

DOCDB simple family (application)
EP 92103754 A 19920305; DE 69220130 T 19920305; JP 6665291 A 19910329