

Title (en)

A programme switching method and a radio apparatus for in-vehicle use

Title (de)

Programmumschaltverfahren und Funkvorrichtung für die fahrzeuginterne Verwendung

Title (fr)

Procédé de commutation de programme et appareil de radio pour utilisation embarquée

Publication

EP 2073410 A1 20090624 (EN)

Application

EP 07150399 A 20071221

Priority

EP 07150399 A 20071221

Abstract (en)

A programme switching method of switching a radio tuner between frequencies on which related radio stations broadcast, the method comprising: tuning the radio tuner to a first frequency on which a first radio station broadcasts so as to receive a first programme signal of the first radio station; detecting, in the first programme signal, an information code indicating a second frequency on which a second, related radio station broadcasts; periodically monitoring at least one quality indicator of a second programme signal of the second frequency; detecting, in the first programme signal, a transmission code indicating transmission of a particular type of programme in the second programme signal on the second frequency; determining, from the monitored at least one quality indicator of the second programme signal, whether the second programme signal is receivable; and switching the radio tuner to the second frequency to receive the said second programme signal if it is determined that the second programme signal is receivable, and keeping the radio tuner tuned to the first frequency to continue receiving the first programme signal if it is determined that the second programme signal is not receivable.

IPC 8 full level

H04H 20/34 (2008.01); **H04H 20/53** (2008.01); **H04H 20/55** (2008.01)

CPC (source: EP)

H04H 20/26 (2013.01); **H04H 20/55** (2013.01); **H04H 2201/13** (2013.01)

Citation (applicant)

- EP 0582939 A1 19940216 - PIONEER ELECTRONIC CORP [JP]
- EP 1475909 A1 20041110 - HARMAN BECKER AUTOMOTIVE SYS [DE]
- EP 1536580 A2 20050601 - ALPINE ELECTRONICS INC [JP]

Citation (search report)

- [X] EP 0582939 A1 19940216 - PIONEER ELECTRONIC CORP [JP]
- [A] EP 1475909 A1 20041110 - HARMAN BECKER AUTOMOTIVE SYS [DE]
- [A] EP 1536580 A2 20050601 - ALPINE ELECTRONICS INC [JP]

Citation (examination)

US 2003153292 A1 20030814 - GROEGER KLAUS-ERWIN [DE], et al

Cited by

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Designated contracting state (EPC)

DE FR GB

Designated extension state (EPC)

AL BA HR MK RS

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