Title (en)

Method for detecting data in disturbed RDS signals and receiver using this method

Title (de)

Verfahren zur Erkennung von Daten in einem, insbesonders gestörten, RDS-Signal und nach diesem Verfahren arbeitender RDS-Empfänger

Title (fr)

Méthode de détection de données pour des signaux RDS perturbés et récepteur utilisant cette méthode

Publication

EP 0714184 A3 19980722 (DE)

Application

EP 95118046 A 19951116

Priority

DE 4441789 A 19941124

Abstract (en)

[origin: DE4441789C1] The data recognition system is used to identify a cyclically repeating data bit sequence in the received radio data signal (RDS), by evaluation of a section of the received data stream covering a number of cycles. The static evaluation provides the individual bit positions of the evaluated cycle, the corresponding bit sequence evaluated using a radio data signal block identification algorithm, to identify the radio data blocks. Pref. each bit position of the evaluated cycle is assigned a value of '0' when less than half of the examined cycles have a value of '1' at this bit position and a value of '1' when more than half the examined cycles have a value of '1' at this bit position.

IPC 1-7

H04H 1/00

IPC 8 full level

H04H 40/18 (2008.01); **H04H 60/11** (2008.01); H04H 40/09 (2008.01); H04H 40/72 (2008.01); H04H 60/27 (2008.01)

CPC (source: EP)

H04H 40/18 (2013.01); **H04H 60/11** (2013.01); H04H 20/16 (2013.01); H04H 40/09 (2013.01); H04H 40/72 (2013.01); H04H 60/27 (2013.01); H04H 2201/13 (2013.01)

Citation (search report)

- [E] EP 0687082 A1 19951213 - PIONEER ELECTRONIC CORP [JP]
- [Y] WO 9309615 A1 19930513 - TELEFUNKEN FERNSEH & RUNDFUNK [DE]
- [Y] FR 2297528 A1 19760806 - CIT ALCATEL [FR]
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Designated contracting state (EPC)

AT CH DE FR GB IT LI NL

DOCDB simple family (publication)

DE 4441789 C1 19951123; DE 19539750 A1 19960605; DE 19539750 C2 19980122; EP 0714184 A2 19960529; EP 0714184 A3 19980722

DOCDB simple family (application)

DE 4441789 A 19941124; DE 19539750 A 19951026; EP 95118046 A 19951116