

Title (en)

RDS broadcast receiver with a device for searching for currently receivable alternative frequencies.

Title (de)

RDS-Rundfunkempfänger mit einer Einrichtung zum Aufsuchen aktuell empfangswürdiger alternativer Frequenzen.

Title (fr)

Récepteur radio avec RDS muni d'un dispositif pour la recherche de fréquences alternatives recevables en temps réel.

Publication

**EP 0459360 B1 19951018 (DE)**

Application

**EP 91108609 A 19910527**

Priority

DE 4017756 A 19900601

Abstract (en)

[origin: EP0459360A2] When the receiving conditions deteriorate, RDS broadcast receivers having only one receiving section must use alternative frequencies, the quality assessment of which is no longer current at the time of switch-over. To circumvent the manifold disadvantages of the single-receiver concept, an RDS broadcast receiver having two receiving sections is described which continuously monitors the receiving quality of alternative frequencies with the aid of a background receiver and empirically builds up in a background memory a list of suitable RDS receiving frequencies, ordered in accordance with receiving quality, with and without traffic announcements from the field of action of the mobile receiver. When an RDS broadcast programme without traffic messages is received, traffic announcements on other frequencies of the same transmitting station can be automatically inserted. <IMAGE>

IPC 1-7

**H04H 1/00**; **H03J 1/00**

IPC 8 full level

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Cited by

EP1303065A3; KR970009478A; EP1032128A1; EP2632065A3; EP1357670A3; EP1056203A1; EP0921637A3; DE10004002A1; DE19531527C2; FR2699769A1; EP1275562A3; EP1881701A1; US5812937A; EP0994587A3; EP0725503A1; EP0892513A3; EP0905929A3; US6711390B1; US6957053B1; US7305225B2; WO9742724A1; WO0051235A1; WO9415414A1; WO0074237A1; EP0905929A2; US7747232B2; EP0497116B1; EP0497115B1

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