

Title (en)
Radio receiver with traffic decoder.

Title (de)
Rundfunkempfänger mit Verkehrsfunkdecoder.

Title (fr)
Récepteur radio avec décodeur de trafic.

Publication
EP 0123154 A1 19841031 (DE)

Application
EP 84103252 A 19840323

Priority
DE 3310792 A 19830324

Abstract (en)
1. Radio receiver having an end stage (15) which energizes a loudspeaker (34) and/or head set, with the end stage being preceded by an audio frequency changeover switch (12) controlled frequency changeover switch (12) controlled by a control circuit (3) and having at least two switch positions (I, II) ; wherein a first r.f. reception/a.f. stage (13) containing a traffic decoder which can be tuned, at least to all traffic information radio transmitters, and a second r.f. reception/a.f. stage (14) independent from the first r.f. reception/a.f. stage and tunable in the VHF band, short wave band, medium wave band and/or long wave band, are connected to the audio frequency changeover switch (12) ; and wherein the audio frequency changeover switch (12) is normally located in the second switch position (II) which connects the second r.f. reception/a.f. stage (14) with the end stage, and only passes, with the aid of the control circuit (33), into the first switching position (I), in which it connects the first r.f. reception/a.f. stage to the end stage, during the presence of a switching signal at the output of the traffic information radio decoder (11) of the first r.f. reception/a.f. stage (13), characterized in that the audio frequency changeover switch (12) has a third switch position (III) in which a tape recorder (16) is connected to the end stage ; in that the second r.f. reception/a.f. stage (14) can be tuned to all traffic information radio transmitters and contains a traffic information radio decoder (11') ; in that the outputs of both traffic information radio decoders (11, 11') are applied to the control circuit (33) of the audio frequency changeover switch (12) via a priority circuit (18) which gives priority to the switching signal from the traffic information radio decoder (11) of the first r.f. reception/a.f. stage (13) in such a way that the audio frequency changeover switch (12) adopts the first switch position (I) when both traffic information radio decoders (11, 11') transmit a switching signal ; and in that the audio frequency changeover switch (12) adopts the third switching position (III) when the sound tape switch (17) is switched-on and no switching signal is present from one of the traffic information radio decoders (11, 11').

Abstract (de)
Bei einem Rundfunkempfänger ist parallel zu einem ersten abstimmbaren Hochfrequenzempfangs-Niederfrequenzteil (13) ein zweiter unabhängig vom ersten Hochfrequenzempfangs-Niederfrequenzteil (13) abstimmbarer Hochfrequenzempfangs-Niederfrequenzteil (14) an einen Niederfrequenzumschalter (12) angeschlossen. Der Niederfrequenzumschalter (12) weist zumindest zwei Schaltstellungen auf, in denen er entweder den ersten Hochfrequenzempfangs-Niederfrequenzteil (13) oder den zweiten Hochfrequenzempfangs-Niederfrequenzteil (14) an die Endstufe (15) anschließt. Der Umschalter befindet sich normalerweise in der den zweiten Hochfrequenzempfangs-Niederfrequenzteil (14) mit der Endstufe (15) verbindenden Schaltstellung. Nur während des Vorliegens eines Schaltsignals am Ausgang des ersten Hochfrequenzempfangs-Niederfrequenzteils (13) legt der Umschalter den ersten Hochfrequenzempfangs-Niederfrequenzteil (13) an die Endstufe (15) an.

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G08G 1/09

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G08G 1/09 (2006.01)

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G08G 1/094 (2013.01)

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• [X] EP 0069213 A2 19830112 - BLAUPUNKT WERKE GMBH [DE]
• [X] DE 2910073 A1 19800918 - SIEMENS AG
• [A] EP 0066037 A1 19821208 - BLAUPUNKT WERKE GMBH [DE]
• [A] RADIOMENTOR ELECTRON., Band 44, Nr. 12, Dezember 1978, Seiten 480-481, München, DE; E.-O. BEDDIES; "Alpha 2000 Autoradio-Entwicklungsstudie"

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