

Title (en)  
RADIO RECEIVER WITH AT LEAST A TRAFFIC RADIO DECODER

Publication  
**EP 0283708 A3 19890329 (DE)**

Application  
**EP 88102231 A 19880216**

Priority  
DE 3709523 A 19870323

Abstract (en)  
[origin: US4862513A] An automobile radio capable of receiving VHF entertainment programs from a station in which traffic information signals are modulated in a 57 kHz subcarrier is equipped with two decoders for the 57 kHz subcarrier signals, one decoder for traffic information signals modulated in an analog fashion on the subcarrier and another decoder for digital signals modulated on that subcarrier by double-sideband suppressed-carrier modulation. The first decoder is for a system already in use in which traffic information, at least if urgent, is intended to override the entertainment program, and the receiver has the usual circuits for that override. The second decoder is for a system that is planned but not yet in use in which the received digital signals can call out one or more standard messages or message portions from a read-only memory and either the memory addresses or the memory outputs are storable. They are made audible by speech synthesizer and, because they are stored at least until the next message comes in, can be recalled if the user wishes. The receiver switch for turning on the traffic information feature is a selector switch with positions selecting either type of decoder and, in a modification designed for where both systems are available, the corresponding switching system gives priority to the presently existing system, since the output of the other system will not be lost and can be reproduced when the signals of the existing system have ceased.

IPC 1-7  
**G08G 1/09**

IPC 8 full level  
**G08G 1/09** (2006.01); **H04H 20/34** (2008.01); **H04H 20/55** (2008.01); **H04H 60/27** (2008.01)

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**G08G 1/093** (2013.01 - EP US); **H04H 20/34** (2013.01 - EP US); **H04H 20/55** (2013.01 - EP US); **H04H 60/27** (2013.01 - EP US); **H04H 2201/13** (2013.01 - EP US)

Citation (search report)  
• [X] EP 0200977 A2 19861112 - BLAUPUNKT WERKE GMBH [DE]  
• [X] FUNKSCHAU, Band 58, Nr. 1, Januar 1986, Seiten 43-47, München, DE; W. HINZ: "Neue Entwicklung auf Hörfunkwellen"  
• [A] FUNKTECHNIK, Band 41, Nr. 7, Juli 1986, Seiten 273-278, Heidelberg, DE; C. REUBER: "Elektronik für Information und Navigation im Auto"

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