

Title (en)
UHF receiver for a traffic information radio broadcasting system.

Title (de)
UKW-Empfänger für ein Verkehrsrundfunkübertragungssystem.

Title (fr)
Récepteur-UHF pour un système de radio-diffusion d'informations routières.

Publication
EP 0065615 A1 19821201 (DE)

Application
EP 82100826 A 19820205

Priority
DE 3121088 A 19810527

Abstract (en)
[origin: ES8304389A1] To improve reliability of recognition of an announcement recognition (AR) signal radiated by a transmitter upon broadcasting an announcement (e.g. traffic information, news, etc.), in the form of AM modulation of a 57 kHz auxiliary subcarrier, in which the subcarrier may also be modulated by other control signals, the subcarrier is filtered in the receiver, demodulated, and the degree of all modulations, regardless of frequency, on the subcarrier is sensed, and if the modulation changes significantly, for example rises from 60% modulation to 90% modulation (50% change), a switch (4) is activated which inhibits transmission of audio programs from an external source, such as a tape recorder (5), tuner tuned to another station, or the like, and reproduces the announcement being broadcast termination of the AR signal, forming the AR modulation on the subcarrier, causes the switch to revert for reproduction of previously controlled audio information.

Abstract (de)
In einem UKW-Verkehrsrundfunkempfänger mit Umschalteneinrichtungen in der NF-Stufe wird von einer Meßeinrichtung der gesamte Bereich der Amplitudenmodulation des Hilfsträgers erfaßt und bei einem signifikanten Anstieg des Modulationsgrades und während dessen Dauer ein Steuersignal für die Umschalteneinrichtungen ausgelöst.

IPC 1-7
G08G 1/09

IPC 8 full level
G08G 1/09 (2006.01); **H04B 1/16** (2006.01); **H04H 1/00** (2006.01); **H04H 20/00** (2009.01)

CPC (source: EP US)
G08G 1/094 (2013.01 - EP US)

Citation (search report)

- [A] DE 2725068 A1 19781221 - PHILIPS PATENTVERWALTUNG
- [A] DE 2651484 A1 19780518 - GRUNDIG EMV
- [AD] DE 2533946 A1 19770217 - BLAUPUNKT WERKE GMBH
- [A] RUNDFUNKTECHNISCHE MITTEILUNGEN, Band 18, Nr. 4, August 1974, Seiten 193-201, Hamburg (DE);
- [A] L'ONDE ELECTRIQUE, Band 60, Nr. 10, Oktober 1980, Seiten 33-38, Paris (FR);

Designated contracting state (EPC)
AT CH FR GB IT

DOCDB simple family (publication)
EP 0065615 A1 19821201; **EP 0065615 B1 19840912**; AT E9413 T1 19840915; BR 8202128 A 19830322; CA 1173508 A 19840828; DE 3121088 A1 19821230; DE 3121088 C2 19861204; ES 512551 A0 19830216; ES 8304389 A1 19830216; JP H0311587 B2 19910218; JP S57199349 A 19821207; MX 150248 A 19840404; US 4435843 A 19840306; ZA 822252 B 19830223

DOCDB simple family (application)
EP 82100826 A 19820205; AT 82100826 T 19820205; BR 8202128 A 19820414; CA 399947 A 19820331; DE 3121088 A 19810527; ES 512551 A 19820526; JP 8738982 A 19820525; MX 19240782 A 19820423; US 31965481 A 19811109; ZA 822252 A 19820401