Title (en)

MODULATION METHOD AND CIRCUIT ARRANGEMENT FOR THE TRANSMISSION OF DATA SIGNALS

Title (de)

MODULATIONSVERFAHREN UND -SCHALTUNGSANORDNUNG ZUR ÜBERTRAGUNG VON DATENSIGNALEN

Title (fr)

PROCEDE ET CIRCUIT DE MODULATION POUR TRANSMETTRE DES SIGNAUX DE DONNEES

Publication

EP 0835561 B1 20000315 (DE)

Application

EP 96920700 A 19960626

Priority

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Abstract (en)

[origin: WO9701894A1] The data source (for long-wave single-sideband transmission of the RDS signal (SSB-RDS))is an RDS coder capable of QDSB modulation with or without the carrier frequency. The RDS-SSB signal with vestigial carrier is produced by the filter method and converted to the transmission frequency by mixing. The road traffic information carrier which can be fed into the RDS coder can thus be used as the vestigial carrier. A known all-band receiver with synchronous demodulator is used for receiving the SSB-RDS signal. Further processing of the RDS baseband (biphase signal) is a straightforward matter.

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H04H 1/00

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