

Title (en)

Receiver for receiving frequency modulated (FM) transmissions, comprising supplementary information transmitted on a subcarrier

Title (de)

Funkempfänger für den Empfang von frequenzmodulierten Übertragungen, die Zusatzdaten enthalten die auf einem Unterträger übertragen werden

Title (fr)

Récepteur pour la réception de transmissions en modulation de fréquence, qui comportent des données supplémentaires qui sont transmises sur une sousporteuse

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EP 1005185 A2 20000531 (EN)

Application

EP 99309440 A 19991125

Priority

JP 33609098 A 19981126

Abstract (en)

An FM receiver for receiving an FM signal multiplexed with first and second additional information signals (RDS signal and DARC signal) which are different in bit rate. The FM-detected additional information signal is supplied to a common band filter, and the RDS signal extracted by the band filter is supplied to a first decoder system to be decoded while the DARC signal extracted by the band filter is supplied to a second decoder system to be decoded. The pass band characteristic of the band filter is selected so that any of these signals can be extracted on the basis of a selection signal from a controller. The band filter comprises BPF, HPF, LPF and switches SWa, SWb, and only BPF is used as the band-pass filter for the RDS signal. <IMAGE>

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