Title (en)

METHOD FOR TRANSMITTING INFORMATION TO A MOBILE RECEIVER SUCH AS A PAGER, USING RADIO TRANSMITTERS

Title (de)

VERFAHREN ZUR INFORMATIONSÜBERMITTLUNG AN EINEN MOBILEN EMPFÄNGER, WIE EINEN PAGER, UNTER VERWENDUNG VON RUNDFUNKSENDERN

Title (fr)

PROCEDE POUR TRANSMETTRE DES INFORMATIONS A UN RECEPTEUR MOBILE, TEL QU'UN TELEAVERTISSEUR, AU MOYEN D'EMETTEURS RADIO

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Abstract (en)

[origin: WO9842090A1] The invention relates to a method, a radio transmitter (TRA) and a mobile receiver for transmitting information, for example to a pager (PAG) or to a mobile part of a mobile radiotelephone or satellite telecommunications system, whereby specific information (INF) for the receiver is sent in addition to a radio signal (AUD) by a radio transmitter (TRA). The transmitter is digitally modulated and the data rate is continuously adjusted by means of data compression and a fluctuating bit rate to suit the radio signal to be transmitted. At intervals when less than the maximum possible bit rate is sent, the free channel capacity is filled with the specific information. The transmitter contains a coder (COD) for compressing and digitally coding an analog input signal (AES) and a modulator (MOD), to which the coded signal the modulator is fed, as well as a high frequency stage (HFS) operating in the short, medium or long wave range. The radio signal is sent with a fluctuating bit rate.

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