Title (en)
METHOD AND APPARATUS SUPPORTING TDD/TTY MODULATION OVER VOCODED CHANNELS

Title (de)
VERFAHREN UND EINRICHTUNG FÜR TDD/TTY MODULATION ÜBER SPRACH-KODIERTE KANÄLE

Title (fr)
PROCEDE ET DISPOSITIF ACCEPTANT LA MODULATION TDD/TTY SUR DES VOIES TELEPHONIQUES EQUIPEES EN VOCODEUR

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Application
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Abstract (en)
[origin: WO0111840A1] A method used to encode/decode a low activity communication signal - such as a Baudot tone - for transmission over a telecommunications system (100). The telecommunications system (100) may include any number of wireless links. Once the system (100) is noticed that a low activity signal needs to be transmitted, each vocoder used in the system (100) to encode/decode the signal performs a unique encoding/decoding process. In one embodiment, frames containing errors adversely affecting a signal are delivered to the vocoder and the "soft bits" contained therein are used to determine the original signal transmitted. In another embodiment, encoding of the signal may include encoding the signal using redundancy with the encoded signal being spread across multiple vocoder frames.

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