

Title (en)  
COMMUNICATION SYSTEM FOR PROVIDING NON-INTERFERING MULTIPLE SIGNALS OVER INDIVIDUAL COMMON CARRIER CHANNELS.

Title (de)  
ÜBERTRAGUNGSSYSTEM ZUM ERZEUGEN INTERFERENZFREIER MEHRFACHSIGNALS AUF EINZELNEN GEMEINSAMEN TRÄGERKANÄLEN.

Title (fr)  
SYSTEME DE COMMUNICATION POUR PRODUIRE DES SIGNAUX MULTIPLES SANS INTERFERENCES SUR DES CANAUX PORTEURS INDIVIDUELS COMMUNS.

Publication  
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Application  
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Priority  
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Abstract (en)  
[origin: WO8200074A1] Single-channel-per-carrier communication systems (SCPC) it is frequently desirable to add an auxiliary signal, such as low frequency teletypewriter signals (TTY) to a primary signal being transmitted, such as a voice signal, without interference between the auxiliary and primary signals. To accomplish this addition without interference, means (18) are provided for combining the auxiliary signal with the primary signal only after the primary signal has already been processed for transmission. The auxiliary signal has a frequency different than that of the first signal so that a composite frequency division multiplexed signal (FDM) is formed containing said processed primary signal and the unprocessed auxiliary signal. The composite FDM signal is then modulated with a common carrier and transmitted over a common communication channel.

Abstract (fr)  
Dans des systemes de communication a un seul canal par porteur (SCPC), il est frequemment souhaitable d'ajouter un signal auxiliaire, tel que des signaux teletypes de basse frequence (TTY) a un signal primaire transmis, tel qu'un signal vocal, sans interference entre les signaux auxiliaires et primaires. Pour effectuer cette addition sans interferences, des moyens (18) sont prevus pour combiner le signal auxiliaire avec le signal primaire seulement apres que le signal primaire ait ete traite pour sa transmission. Le signal auxiliaire possede une frequence differente de celle du premier signal de sorte qu'un signal multiplexe a division de frequence composite (FDM) soit forme et contienne ce signal primaire traite et le signal auxiliaire non traite. Le signal composite FDM est ensuite module avec un porteur commun et transmis par un canal de communication commun.

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