

MIXED MODULATION LEVEL COMMUNICATION SYSTEM

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ABSTRACT

A communication system has an information signal having a plurality of data streams (72, 77, 92). The data streams are simultaneously modulated on a multi-level symbol transmission (110). The data streams may have either independent or dependent signalling protocols. A transmitting means (105) generates the information in one of several embodiments. A first receiver (200) receives the information signal and process only a first data stream for messages. A second receiver (300) receives the information signal and process only the second data stream for messages. A third receiver (400) is capable of selectively receiving and processing a plurality of data streams. The third receiver is shown in several embodiments for selecting the data streams.

FIG. 1 accompanies this abstract.

