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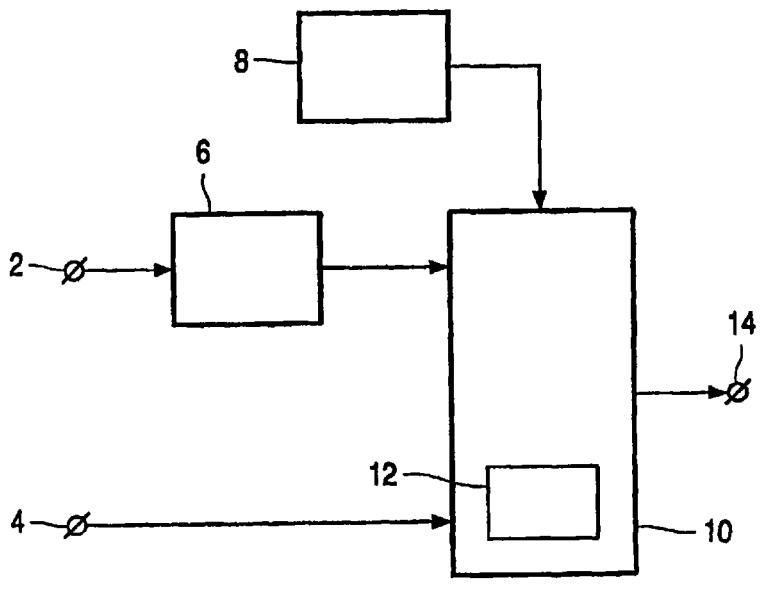
(54) Title: EMBEDDING A FIRST DIGITAL INFORMATION SIGNAL INTO A SECOND DIGITAL INFORMATION SIGNAL FOR TRANSMISSION VIA A TRANSMISSION MEDIUM



(57) Abstract: A transmitter is disclosed for transmitting a first and second digital information signal. Said first digital information signal comprises first frames having at least a first synchronization signal and a data portion stored in them. The transmitter processes the second digital information signal into subsequent second frames comprising blocks of information of the second digital information signal. Composite frames have been obtained by inserting a second synchronization signal and at least the data portion of the first frames into the second frames by using buried data techniques. Prior to inserting at least the data portion of the first frame into a second frame the first synchronization signal is stripped from the first frame. The sequence of composite frames is transmitted via the transmission medium.

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