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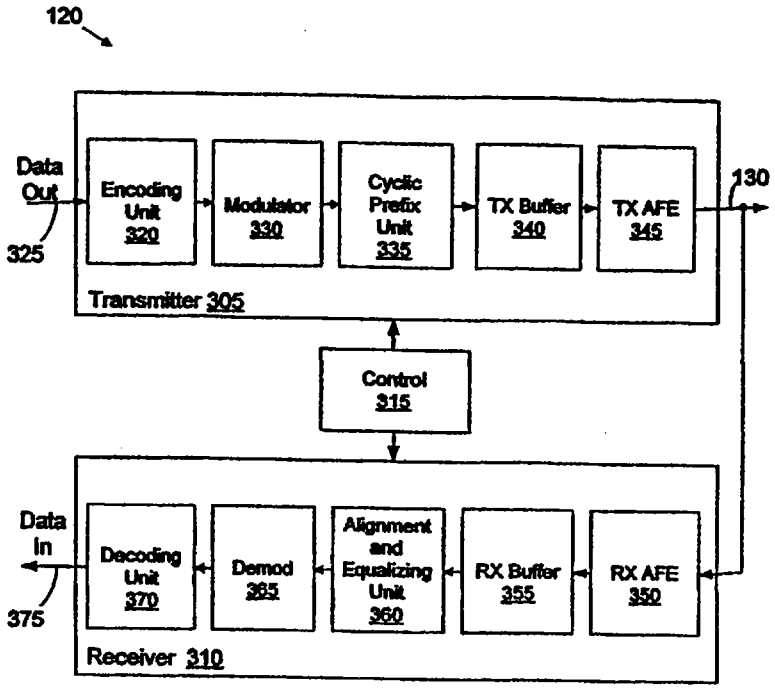
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(54) Title: METHOD AND APPARATUS FOR BUFFERING DATA SAMPLES IN A SOFTWARE BASED ADSL MODEM



(57) Abstract: A method and apparatus for buffering data samples in a software-based ADSL modem (120). The method includes generating data for transmission to a remote source (140) and modulating the data to form a plurality of data symbols for transmission. The data symbols are stored in a buffer (340). An absence of a data symbol in the buffer (340) is determined. In response to detecting an absence of a data symbol in the buffer (340), an idle data symbol is transmitted.

WO 01/50696 A1