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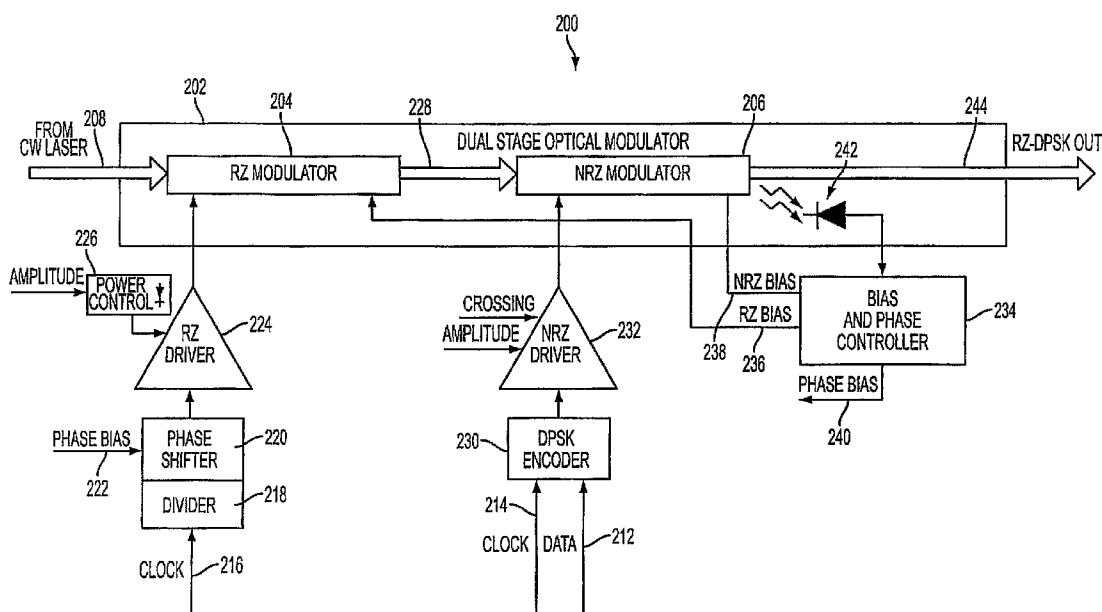
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(54) Title: METHOD AND APPARATUS FOR BIAS AND ALIGNMENT CONTROL IN AN OPTICAL SIGNAL TRANSMITTER



(57) Abstract: A method and apparatus for controlling bias and alignment in an optical signal transmitter for providing intensity modulation and DPSK modulation to an optical signal, e.g. in an RZ-DPSK modulation format. Output power in dither signals applied to the bias signals may be detected by a low speed photodetector. One or more of the bias signals may be adjusted in a low speed control loop in response to an error signal obtained by mixing the detected signal with the low frequency dither signals.

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