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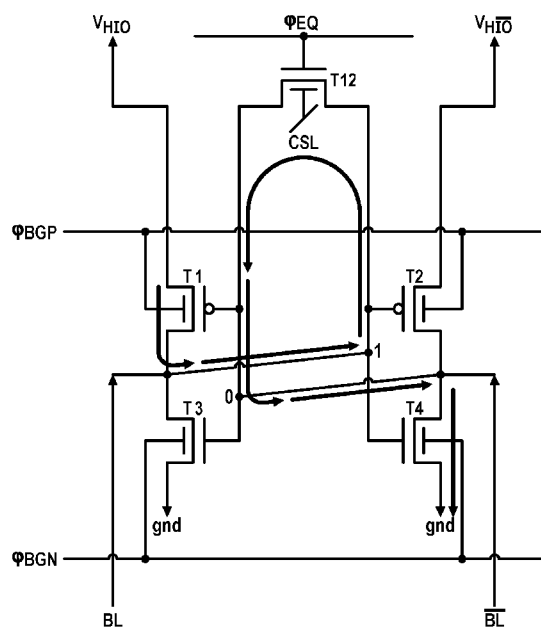
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(54) Title: CIRCUIT AND METHOD FOR SENSING A DIFFERENCE IN VOLTAGE ON A PAIR OF DUAL SIGNAL LINES, IN PARTICULAR THROUGH EQUALIZE TRANSISTOR

FIG. 5



(57) Abstract: The invention relates to a circuit for sensing a difference in voltage on a pair of dual signal lines comprising a first signal line (BL) and a second signal line (/BL) complementary to the first signal line, comprising: - a pair of cross-coupled inverters arranged between the first and the second signal lines, each inverter having a pull-up transistor (T1, T2) and a pull-down transistor (T3, T4), the sources of the pull-up transistors or of the pull-down transistors being respectively connected to a first (V_{HIO}) and a second (V_{HIO}) pull voltage signals, - a decode transistor (T11, T12) having source and drain terminals respectively coupled to one of the first and second signal lines and a gate controlled by a decoding control signal (CSL), whereby when the decode transistor is turned on by the decoding control signal, a short circuit is established between the first and the second signal lines through which current flows from one of the first and second pull voltage signals, thereby generating a disturb in between the first and the second pull voltage signals.



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