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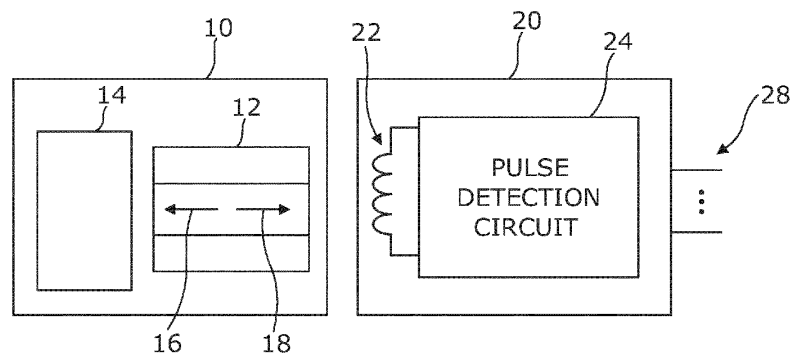


Figure 1

(57) Abstract: Disclosed is a magnetizing pulse detector that detects magnetizing pulses produced by a magnetizing coil; the magnetizing pulse detector comprising: a measuring coil configured to generate a measuring pulse in response to a magnetizing pulse produced by the magnetizing coil; a measuring pulse detection circuit configured to generate a detection signal based on the measuring pulse generated by the measuring coil; and a duration extension circuit configured to generate an extended detection signal based on the detection signal generated by the measuring pulse detection circuit.



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