

METHOD AND APPARATUS FOR INVESTIGATING A BOREHOLE WITH A CALIPER

ABSTRACT

5 An apparatus for investigating a formation, comprises a caliper provided with a transmitter for transmitting a transmitted pulse signal; a detector for detecting a reflected pulse signal, wherein the reflected pulse signal is the transmitted pulse signal reflected from a target location on a surface of the formation onto which the transmitted pulse signal is incident; a means for determining the time interval between the transmission of the transmitted pulse signal
10 and the detection of the reflected pulse signal; a means for rotating the transmitter and the detector with respect to the axis of the caliper, wherein rotation of the transmitter and the detector causes the target location on the surface of the formation onto which the transmitted pulse signal is incident to rotate with respect to the axis of the caliper. A corresponding method is also disclosed.

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[Fig. 1]