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(54) Title: METHOD AND APPARATUS FOR DETERMINING POSITION IN A PIPE**(57) Abstract**

A method and apparatus for determining position in a pipe (Fig. 2) provides for the precise determination of location and associated characteristics of each pipe joint (14) of a well, cross country pipeline or other fluid transmission line. The system includes a passive or active radio identification device (30) at each joint in the pipe or casing string. A pipeline tool (24) includes a radio transmitter and receiver (28) with the transmitter transmitting on a frequency selected for resonating the identification devices. The resonant response of each device is detected by a receiver in the pipeline tool, with the response transmitted to the surface via the wireline to which the tool is connected.

