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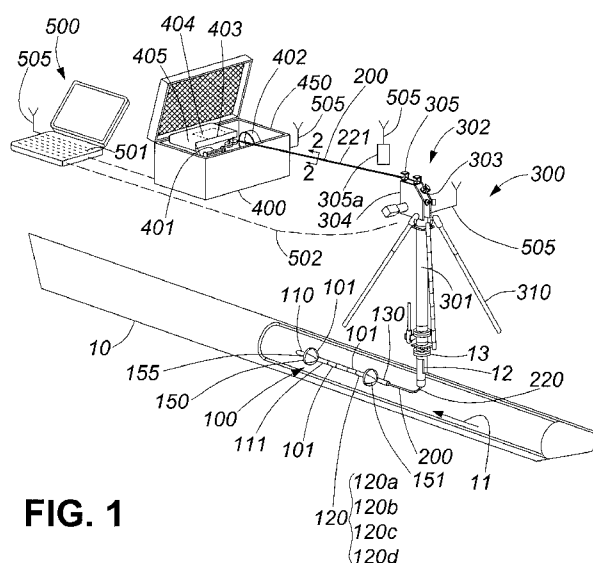
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(54) Title: TETHERED SENSING SYSTEM FOR PIPELINES

**FIG. 1**

(57) Abstract: The invention relates to a novel tethered sensing system having a tethered sensing unit which is connected to a surface location through a tether with no electrical cabling whatsoever, and which includes at least one optical fibre for control and data-collecting. The sensing unit can be retracted easily, and can be moved easily back and forth in the pipeline when it is desired to study areas of particular interest of the pipeline wall.