

Title (en)
APPARATUS AND METHOD FOR DETERMINING THE PHYSICAL CONDITION OF A PIPELINE

Title (de)
GERÄT UND VERFAHREN ZUR BESTIMMUNG DES ZUSTANDES EINER PIPELINE

Title (fr)
APPAREIL ET PROCEDE PERMETTANT DE DETERMINER L'ETAT PHYSIQUE D'UN PIPELINE

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Application
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Abstract (en)
[origin: WO0061305A2] Apparatus (1) for determining the condition of a pipeline is comprised of a carrier means (2), a gauge plate (3) and a detection means (7). The apparatus (1) is further provided with a transmission means (4) to indicate to a remote location the detection of the presence of physical defects in the pipeline. When the apparatus (1) passes a physical defect in the pipeline, the gauge plate (3) which may be elastomeric, will be deformed or bent. As a result, the detection means will communicate with the transmission means, which in turn will indicate the defect to a remote location. The transmission means may be in the form of an acoustic, electro-magnetic, nucleonic or mechanical system. The apparatus allows the physical condition of a pipeline to be monitored without having to retrieve the pig from the pipeline to visually examine it.

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