

Title (en)

METHOD AND APPARATUS FOR MONITORING PIPELINE USING AN OPTICAL FIBER SENSOR SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ÜBERWACHUNG EINER ROHRLEITUNG UNTER VERWENDUNG EINES GLASFASERSENSORSYSTEMS

Title (fr)

PROCÉDÉ ET APPAREIL POUR SURVEILLER UN PIPELINE AU MOYEN D'UN SYSTÈME DE DÉTECTION À FIBRES OPTIQUES

Publication

**EP 3332272 A1 20180613 (EN)**

Application

**EP 16729876 A 20160613**

Priority

- GB 201510267 A 20150612
- EP 2016063442 W 20160613

Abstract (en)

[origin: GB2539254A] An optical fibre sensor system is used to determine the type and location of disturbances along a pipeline, such as digging, drilling, tapping, sabotage etc. The system includes an optical fibre 20 buried along the pipeline 35, a radiation source 30 (e.g. infra-red source), a detector 40 and a signal processor 50. The processor analyses values corresponding to the condition of the optical fibre to create a pattern corresponding to a disturbance, and compares the pattern to recorded patterns of known disturbances.

IPC 8 full level

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CPC (source: EP GB)

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Citation (search report)

See references of WO 2016198683A1

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