

Title (en)

METHOD FOR INSPECTING PIPELINES AND ASSOCIATED INSPECTION DEVICE

Title (de)

VERFAHREN ZUR INSPEKTION VON ROHRLEITUNGEN UND ZUGEHÖRIGE INSPEKTIONSVORRICHTUNG

Title (fr)

PROCÉDÉ D'INSPECTION DE CANALISATIONS ET DISPOSITIF ASSOCIÉ D'INSPECTION

Publication

EP 4232742 A1 20230830 (DE)

Application

EP 21805850 A 20211025

Priority

- BE 202005750 A 20201026
- EP 2021079562 W 20211025

Abstract (en)

[origin: WO2022090165A1] The present invention relates to a method for inspecting pipelines, in particular oil-carrying, gas-carrying or water-carrying pipelines, wherein a wall of the pipeline is magnetized by means of a magnetization device of a first device designed as a pig, and wherein a magnetization present in the pipeline wall is used and/or measured for inspection purposes, in particular at a later point in time, as residual magnetization by means of a second device which is separate from the first device and designed as an inspection device. The invention also relates to an associated inspection device. A method for inspecting pipelines, in particular oil-carrying, gas-carrying or water-carrying pipelines, wherein a wall of the pipeline is magnetized by means of a magnetization device of a first device designed as a pig, characterised in that a magnetization present in the pipeline wall is used and/or measured for inspection purposes, in particular at a later point in time, as residual magnetization by means of a second device which is separate from the first device and designed as an inspection device.

IPC 8 full level

F16L 55/00 (2006.01); **G01N 27/48** (2006.01)

CPC (source: EP US)

F16L 55/48 (2013.01 - US); **G01N 27/83** (2013.01 - EP); **G01N 27/87** (2013.01 - US); **F16L 2101/30** (2013.01 - EP US); **G01N 27/9046** (2013.01 - EP)

Citation (search report)

See references of WO 2022090165A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022090165 A1 20220505; BE 1028730 A1 20220518; BE 1028730 B1 20220523; EP 4232742 A1 20230830; US 2024003849 A1 20240104

DOCDB simple family (application)

EP 2021079562 W 20211025; BE 202005750 A 20201026; EP 21805850 A 20211025; US 202118250579 A 20211025