

Title (en)

METHOD AND DEVICE FOR IDENTIFYING THE OCCURRENCE OF A DEFECT IN A PIPELINE BY MEANS OF ESTIMATION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERMITTLUNG DES AUFTRETENS EINER STÖRSTELLE EINER LEITUNG MITTELS SCHÄTZUNG

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR DÉTERMINER L'APPARITION D'UN POINT DE DÉFAUT D'UNE LIGNE AU MOYEN D'UNE ESTIMATION

Publication

**EP 3827238 A1 20210602 (DE)**

Application

**EP 19786462 A 20190924**

Priority

- EP 18197085 A 20180927
- EP 2019075725 W 20190924

Abstract (en)

[origin: CA3114323A1] The invention relates to identifying the occurrence of a defect (11) in a pipeline (10) by means of estimation, wherein at least one first indicator (40) is identified by a first detection means (20) assigned to a first detection location (30), from which indicator a first estimation value regarding the occurrence of the defect (11) in the pipeline (10) is determined by means of a first estimation function, and at least one second indicator (41-43) is identified by at least one second detection means (21-23) assigned to a second detection location (31-33), from which indicator at least one second estimation value regarding the occurrence of the defect (11) in the pipeline (10) is determined by means of at least one second estimation function, and an overall estimation value is determined from the first estimation value and the at least one second estimation value by means of an overall estimation function by taking into account the respective positions of the first detection location (30) and of the second detection location (31-33), from which overall estimation value the occurrence of the defect (11) is estimated.

IPC 8 full level

**G01M 3/04** (2006.01); **G01M 3/16** (2006.01); **G01M 3/18** (2006.01); **G01M 3/28** (2006.01); **G01M 3/38** (2006.01); **G05B 23/02** (2006.01)

CPC (source: EP US)

**G01M 3/04** (2013.01 - EP); **G01M 3/16** (2013.01 - EP US); **G01M 3/18** (2013.01 - EP); **G01M 3/2815** (2013.01 - EP US); **G01M 3/38** (2013.01 - EP US); **G01N 21/954** (2013.01 - US); **G05B 23/024** (2013.01 - EP)

Citation (search report)

See references of WO 2020064741A1

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Designated extension state (EPC)

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DOCDB simple family (publication)

**EP 3628993 A1 20200401**; CA 3114323 A1 20200402; EP 3827238 A1 20210602; US 2021356350 A1 20211118; WO 2020064741 A1 20200402

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