

Title (en)
METHOD FOR LEAKAGE DETECTION

Title (de)
VERFAHREN ZUR LECKERKENNUNG

Title (fr)
PROCÉDÉ DE DÉTECTION DE FUITE

Publication
EP 4042125 A1 20220817 (DE)

Application
EP 20792343 A 20201012

Priority
• DE 102019127409 A 20191011
• EP 2020078576 W 20201012

Abstract (en)
[origin: CA3156834A1] The invention relates to a method for leakage detection on an object flown through by a medium, in particular a pipe or a pipeline. According to the invention, a pattern is identified in the determined values for the change of the flow rate and the pressure of the medium and for a temperature change, and a probability for the presence of a leak is determined based on the identified pattern and due to self-learning systems.

IPC 8 full level
G01M 3/24 (2006.01)

CPC (source: EP US)
G01M 3/002 (2013.01 - EP US); **G01M 3/243** (2013.01 - EP US); **G01M 3/2815** (2013.01 - EP US)

Citation (search report)
See references of WO 2021069735A1

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

DOCDB simple family (publication)
DE 102019127409 A1 20210415; CA 3156834 A1 20210415; EP 4042125 A1 20220817; JP 2022552498 A 20221216;
US 2023221206 A1 20230713; WO 2021069735 A1 20210415

DOCDB simple family (application)
DE 102019127409 A 20191011; CA 3156834 A 20201012; EP 2020078576 W 20201012; EP 20792343 A 20201012;
JP 2022521488 A 20201012; US 202017767491 A 20201012