

Title (en)  
METHOD FOR CHARACTERISING LEAKS

Title (de)  
VERFAHREN ZUR CHARAKTERISIERUNG VON LECKAGEN

Title (fr)  
PROCEDE DE CARACTERISATION DE FUITE

Publication  
**EP 4182654 A1 20230524 (FR)**

Application  
**EP 21754814 A 20210715**

Priority  
• FR 2007434 A 20200715  
• FR 2021051318 W 20210715

Abstract (en)  
[origin: WO2022013502A1] Method for characterising leaks in a fluid network to determine the type and/or flow rate of a leak in a fluid network, wherein the fluid network is provided with a plurality of vibroacoustic sensors configured to provide vibroacoustic signals (22), and wherein a statistical learning model (13) receives as input at least one vibroacoustic signal (22) obtained directly or indirectly from at least one vibroacoustic sensor and provides as output at least one data item characterising the leak from the type of leak (Tf) and the leak flow rate (Qf).

IPC 8 full level  
**G01M 3/24** (2006.01); **G01M 3/28** (2006.01)

CPC (source: EP US)  
**G01M 3/243** (2013.01 - EP US); **G01M 3/2807** (2013.01 - EP US); **G06N 20/00** (2018.12 - US)

Citation (search report)  
See references of WO 2022013502A1

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BA ME

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KH MA MD TN

DOCDB simple family (publication)  
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**FR 2007434 A 20200715**; EP 21754814 A 20210715; FR 2021051318 W 20210715; US 202118012692 A 20210715