Title (en)
METHOD FOR LEAKAGE MEASUREMENT.

Title (de)
VERFAHREN ZUM MESSEN VON LECKAGEN.

Title (fr)
PROCEDE DE MESURE DE FUITE.

Publication
EP 0038356 A4 19820713 (FR)

Application
EP 80902207 A 19810421

Priority
US 8424179 A 19791012

Abstract (en)
[origin: WO8101054A1] A method of high sensitivity for measuring leakage of liquid from a storage tank (11) which comprises introducing a sensor (12) into the liquid in the tank (11), the sensor (12) being coupled to means (17) for sensing displacement of mass, measuring the displacement over a known period of time and calculating the leakage rate. The sensor (12) is designed to compensate for evaporative losses and temperature changes.

IPC 1-7
G01M 3/32; G01F 23/20

IPC 8 full level
B65D 90/50 (2006.01); **G01F 23/00** (2006.01); **G01F 23/20** (2006.01); **G01F 25/00** (2006.01); **G01M 3/32** (2006.01)

CPC (source: EP US)
G01F 23/0023 (2013.01 - EP US); **G01F 23/20** (2013.01 - EP US); **G01F 25/14** (2022.01 - EP US); **G01M 3/3245** (2013.01 - EP US)

Citation (search report)
- FR 1371910 A 19640911 - RUDOLF SCHMIDLIN & CO A G
- US 3538745 A 19701110 - WRIGHT LAWRENCE T, et al
- US 3460386 A 19690812 - GUIGNARD EDWIN

Designated contracting state (EPC)
FR

DOCDB simple family (publication)
WO 8101054 A1 19810416; AU 538558 B2 19840816; AU 6570780 A 19810428; BE 885644 A 19810410; BR 8008868 A 19810825; CA 1138670 A 19830104; CH 652864 A5 19851129; DD 153734 A5 19820127; DE 3049945 A1 19820318; DK 254381 A 19810611; EG 14382 A 19850630; EP 0038356 A1 19811028; EP 0038356 A4 19820713; ES 495823 A0 19811016; ES 8107389 A1 19811016; GB 2075203 A 19811111; GB 2075203 B 19850130; GB 2136137 A 19840912; GB 2136137 B 19850417; GB 8402252 D0 19840229; GB 8405418 D0 19840404; GR 70765 B 19830316; IL 61191 A0 19801130; IL 61191 A 19860731; IN 152896 B 19840428; IT 1133195 B 19860709; IT 8025173 A0 19801007; JP S56501420 A 19811001; NL 8020417 A 19810701; NO 811865 L 19810602; NZ 195183 A 19851213; SE 8103639 L 19810610; SE 8501711 D0 19850404; SE 8501711 L 19850404; US 4300388 A 19811117; ZA 806291 B 19811028

DOCDB simple family (application)
US 8001332 W 19801008; AU 6570780 A 19801002; BE 202417 A 19801010; BR 8008868 A 19801008; CA 361453 A 19800930; CH 381181 A 19801008; DD 22447480 A 19801010; DE 3049945 A 19801008; DK 254381 A 19810611; EG 62880 A 19801011; EP 80902207 A 19810421; ES 495823 A 19801010; GB 8115513 A 19801008; GB 8402252 A 19840127; GB 8405418 A 19840301; GR 800163105 A 19801010; IL 6119180 A 19800930; IN 1113CA1980 A 19800930; IT 2517380 A 19801007; JP 50258680 A 19801008; NL 8020417 A 19801008; NO 811865 A 19810602; NZ 19518380 A 19801007; SE 8103639 A 19810610; SE 8501711 A 19850404; US 8424179 A 19791012; ZA 806291 A 19801013