

Title (en)

CALIBRATABLE FLUID LEVEL MONITORING GAUGE

Title (de)

KALIBRIERBARE FLUIDSTANDS-ÜBERWACHUNGSMESSEINRICHTUNG

Title (fr)

JAUGE DE SURVEILLANCE DU NIVEAU DE FLUIDE ÉTALONNABLE

Publication

EP 2029978 A2 20090304 (EN)

Application

EP 06784434 A 20060519

Priority

US 2006019315 W 20060519

Abstract (en)

[origin: WO2007136366A2] A calibratable vertical fluid level gauge (2) for displaying a fluid level in an enclosed vessel (1) includes a float portion (6) and a gauge portion (4). The float portion (6) is disposed within the enclosed vessel (1) and converts a vertical displacement of a float (10) into a rotational displacement of a first rotating member (26). The gauge portion (4) is disposed on an exterior of the enclosed vessel (1) and includes a second rotating member (34), a pointer (38), and a clutch mechanism (42). The gauge portion (4) is arranged with respect to the float portion (6) such that the second rotating member (34) is rotatably coupled to the first rotating member (26). The clutch mechanism (42) selectively engages the pointer (38) to the second rotating member (34) and disengages the pointer (38) from the second rotating member (34) to allow movement of the pointer (38) with respect to the second rotating member (34) to calibrate the gauge (2).

IPC 8 full level

G01F 23/20 (2006.01)

CPC (source: EP)

G01F 23/543 (2013.01); **G01F 23/546** (2013.01); **G01F 23/62** (2013.01); **G01F 25/20** (2022.01); **F17C 2250/0413** (2013.01)

Citation (search report)

See references of WO 2007136366A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

WO 2007136366 A2 20071129; **WO 2007136366 A3 20090416**; AU 2006344076 A1 20071129; BR PI0621749 A2 20111220; CN 101495841 A 20090729; EP 2029978 A2 20090304; JP 2009537819 A 20091029

DOCDB simple family (application)

US 2006019315 W 20060519; AU 2006344076 A 20060519; BR PI0621749 A 20060519; CN 200680055105 A 20060519; EP 06784434 A 20060519; JP 2009510933 A 20060519