

Title (en)

LEVEL MEASURING ARRANGEMENT WITH A SAFETY CUT-OUT AT HIGH TEMPERATURES

Title (de)

FÜLLSTANDMESSANORDNUNG MIT EINER SICHERHEITSABSCHALTUNG BEI HOHEN TEMPERATUREN

Title (fr)

DISPOSITIF DE MESURE DE NIVEAU DE REMPLISSAGE COMPRENANT UN INTERRUPTEUR DE SECURITE QUI INTERVIENT EN CAS DE TEMPERATURES ELEVEES

Publication

EP 1966569 A2 20080910 (DE)

Application

EP 06829332 A 20061206

Priority

- EP 2006011698 W 20061206
- DE 102005062813 A 20051227

Abstract (en)

[origin: DE102005062813A1] The arrangement has a control unit (19) to produce an electrical exciter signal and/or to process an electrical receive signal. A piezoelectric oscillating unit produces a mechanical oscillation based on the exciter signal and/or converts the oscillation into the receive signal. A temperature determining unit (17) determines a temperature of the oscillating unit and/or a temperature of a surrounding of the oscillating unit. The control unit produces a switch signal and/or a warning signal when achieving a threshold temperature or depending on the oscillating unit temperature. An independent claim is also included for a method of operating a vibration limit switch.

IPC 8 full level

G01F 23/296 (2006.01); **G01F 25/00** (2006.01)

CPC (source: EP)

G01F 23/2967 (2013.01); **G01F 25/20** (2022.01)

Citation (search report)

See references of WO 2007073837A2

Citation (examination)

US 6073492 A 20000613 - ROSSELSON BORIS S [US], et al

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

DE 102005062813 A1 20070705; **DE 102005062813 B4 20091126**; CN 101331388 A 20081224; CN 101331388 B 20110216; EP 1966569 A2 20080910; WO 2007073837 A2 20070705; WO 2007073837 A3 20070816

DOCDB simple family (application)

DE 102005062813 A 20051227; CN 200680047619 A 20061206; EP 06829332 A 20061206; EP 2006011698 W 20061206