

Title (en)

Device for controlling a condensate-lifting pump

Title (de)

Steuervorrichtung einer Pumpe zum Hochpumpen von Kondensat

Title (fr)

Dispositif de commande d'une pompe de relevage de condensats

Publication

EP 2141721 B1 20120516 (FR)

Application

EP 09164606 A 20090703

Priority

FR 0854562 A 20080704

Abstract (en)

[origin: EP2141721A2] The device (100) has a pivoting arm (130) driven by movement of a float (102) and selectively acting on monostable micro-switches (110, 120) to define three states i.e. rest, active and alarm states, of the device. The micro-switches respectively have push buttons (112, 122) movable between stable and unstable positions. A security action is triggered, the button (112) is in the unstable position for assuring operation of a condensate-lifting pump, and the button (122) is in the stable position for assuring triggering of the action, in the alarm state. The pump is stopped in the rest position.

IPC 8 full level

H01H 35/18 (2006.01)

CPC (source: EP US)

H01H 35/18 (2013.01 - EP US); **F24F 13/222** (2013.01 - EP US)

Cited by

FR3029278A1; FR3084734A1; US11448422B2; WO2020025491A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2141721 A2 20100106; EP 2141721 A3 20100407; EP 2141721 B1 20120516; FR 2933531 A1 20100108; FR 2933531 B1 20130301; US 2010089086 A1 20100415; US 8151592 B2 20120410

DOCDB simple family (application)

EP 09164606 A 20090703; FR 0854562 A 20080704; US 49782109 A 20090706