

Title (en)

System for controlling pump operation

Title (de)

Betriebsüberwachungssystem einer Pumpe

Title (fr)

Dispositif de contrôle du fonctionnement d'une pompe

Publication

EP 0863278 A2 19980909 (EN)

Application

EP 98500060 A 19980303

Priority

- ES 9700479 A 19970305
- ES 9800220 A 19980205

Abstract (en)

Characterised by, preferably in the area of fluid suction towards the pump (1), the presence of a detector device (3) for the pressure of the fluid in said area, which device, in the event of a variation in pressure or vacuum in this area, transmits a signal to the pump (1) which will cause same to shut down. This device (3) comprises a pressure switch-vacuum switch or a pressure gauge which transmits an electrical signal to a relay operating the pump (1). This system comprehends at least one timer which will program pump operation down time. In addition, the system includes at least one signal microprocessing circuit and one system restarting monitoring subsystem. <IMAGE>

IPC 1-7

E04H 4/06; E04H 4/12

IPC 8 full level

E04H 4/12 (2006.01)

CPC (source: EP)

E04H 4/06 (2013.01); **E04H 4/1218** (2013.01)

Cited by

US7300576B1; CN110778168A; US10718337B2; US6390781B1; WO2007147202A1; WO0105349A3; US2020319621A1; US11720085B2; US8286831B2; US10030647B2; US11572877B2; US12018677B2; US10976713B2; US11433360B2; US11822300B2; US2017213451A1; US10219975B2; US10272014B2; US10363197B2; US11000449B2; US11096862B2; US11122669B2; US11129256B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0863278 A2 19980909; **EP 0863278 A3 19990203**; **EP 0863278 B1 20040303**; AT E261041 T1 20040315; DE 69822012 D1 20040408; ES 2216259 T3 20041016

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