

Title (en)

Control device for autoclave pump

Title (de)

Steuereinrichtung für Autoklavpumpe

Title (fr)

Dispositif de contrôle pour une pompe d'autoclave

Publication

EP 1336761 A2 20030820 (EN)

Application

EP 03075340 A 20030205

Priority

IT MI20020275 A 20020213

Abstract (en)

A control device for operation of an autoclave pump of a water distribution network, of the type comprising a mechanical part, with the task of detecting pressures and flows by means of moving parts, and an electronic part, with the task of managing pump supply in relation to the parameters detected; all signals are sent to a microprocessor electronic control system which, thanks to simultaneous detection and measurement of flow and pressure, makes it possible to avoid the pressure oscillation typical of control devices of the traditional type and prevent the pump from starting up and shutting down continually. The device is also capable of detecting any abnormal conditions that take place, such as excessive flow, no water at the pump inlet side or a leak in the user circuit, taking steps to shut down operation of the entire system to prevent damage to the pump and the internal circuits.

IPC 1-7

F04D 15/02

IPC 8 full level

F04B 49/02 (2006.01); **H01H 35/24** (2006.01); **H01H 35/40** (2006.01)

CPC (source: EP)

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Cited by

IT201600082296A1; ITFI20080235A1; ITFI20120079A1; EP2653725A1; RU2616397C1; EP3973192A4; WO2020232508A1

Designated contracting state (EPC)

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EP 1336761 A2 20030820; **EP 1336761 A3 20090610**; CN 1438373 A 20030827; IT MI20020275 A0 20020213; IT MI20020275 A1 20030813

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