

Title (en)

Device for actuating electric pumps in liquid distribution systems

Title (de)

Vorrichtung zur Betätigung von elektrischen angetriebenen Pumpen für Flüssigkeitsabgabesystem

Title (fr)

Dispositif d'activation de pompes électriques pour système de distribution de liquide

Publication

**EP 1431583 A2 20040623 (EN)**

Application

**EP 03027457 A 20031201**

Priority

IT PD20020330 A 20021220

Abstract (en)

A device for actuating electric pumps for water distribution systems, comprising a hollow hydraulic body (10), to be associated with an electric pump (11) with a single-phase electric motor, which forms internally a main duct (18) with end connectors (19, 20) for connection to the hydraulic system, the main duct (18) containing a flow-controlled switch (21), which cooperates with a pressure sensor (29) that is associated with the body (10) and is coupled to an electronic pressure reduction unit that operates by reducing the rotation rate of the motor according to a voltage variation chosen between one produced in the main winding and one in the electrical power supply line. <IMAGE>

IPC 1-7

**F04D 15/00**; F04B 49/06

IPC 8 full level

**F04B 49/20** (2006.01); **F04D 15/00** (2006.01)

CPC (source: EP)

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