

Title (en)  
Fluid pressure controller for pumps

Title (de)  
Fluiddruckregler für Pumpen

Title (fr)  
Régulateur de pression de fluide pour pompes

Publication  
**EP 1077332 A3 20020410 (EN)**

Application  
**EP 00117204 A 20000810**

Priority  
IT PD990194 A 19990817

Abstract (en)  
[origin: EP1077332A2] A device for controlling the operation of pumps in hydraulic circuits by detecting the pressure of the circuit and consequently activating or stopping the pump. The device comprises an oscillating circuit (23), in which the capacitor (17) is a capacitive transducer which cooperates with at least one mechanical actuator (10) for actuating at least one of the plates (15, 18) of the capacitor (17), and means for interfacing with the pump; the actuator (10) is subjected to the pressure of the fluid. <IMAGE>

IPC 1-7  
**F04B 49/02**; G01L 9/12

IPC 8 full level  
**F04B 49/02** (2006.01)

CPC (source: EP)  
**F04B 49/022** (2013.01)

Citation (search report)  
• [XAY] EP 0706038 A1 19960410 - OMRON TATEISI ELECTRONICS CO [JP]  
• [XA] US 4663974 A 19870512 - SCHERER OTTO [CH]  
• [XA] DE 1282302 B 19681107 - MICROMATIC HONE CORP  
• [YA] EP 0709575 A1 19960501 - FRANKLIN ELECTRIC CO INC [US]  
• [A] GB 2259147 A 19930303 - BURRENG LIMITED [GB], et al

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1077332 A2 20010221**; **EP 1077332 A3 20020410**; IT 1307380 B1 20011106; IT PD990194 A1 20010217

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**EP 00117204 A 20000810**; IT PD990194 A 19990817