



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**10.04.2002 Bulletin 2002/15**

(51) Int Cl.7: **F04B 49/02, G01L 9/12**

(43) Date of publication A2:  
**21.02.2001 Bulletin 2001/08**

(21) Application number: **00117204.8**

(22) Date of filing: **10.08.2000**

(84) Designated Contracting States:  
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU**  
**MC NL PT SE**  
 Designated Extension States:  
**AL LT LV MK RO SI**

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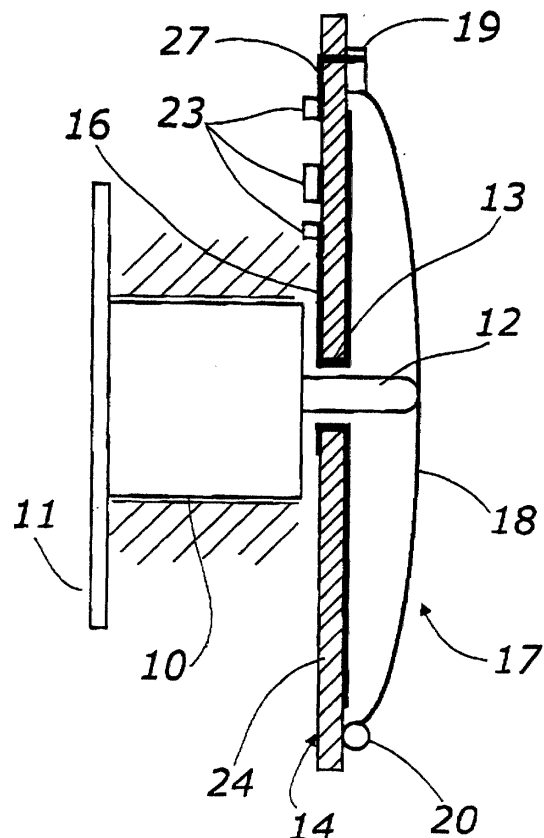
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(30) Priority: **17.08.1999 IT PD990194**

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(54) **Fluid pressure controller for pumps**

(57) 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.



**Fig. 1**



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 00 11 7204

| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                     |                                                                                                                                                                         |                                                                                                                                                                                                                                                                              |                                              |
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| Category                                                                                                                                                                                                                | Citation of document with indication, where appropriate, of relevant passages                                                                                           | Relevant to claim                                                                                                                                                                                                                                                            | CLASSIFICATION OF THE APPLICATION (Int.CI.7) |
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| Y                                                                                                                                                                                                                       | * abstract *                                                                                                                                                            | 4,5                                                                                                                                                                                                                                                                          |                                              |
| A                                                                                                                                                                                                                       | * page 5, line 19 - page 7, line 24 *<br>* figures 1-6 *                                                                                                                | 9-11                                                                                                                                                                                                                                                                         |                                              |
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| The present search report has been drawn up for all claims                                                                                                                                                              |                                                                                                                                                                         |                                                                                                                                                                                                                                                                              |                                              |
| Place of search<br><b>THE HAGUE</b>                                                                                                                                                                                     |                                                                                                                                                                         | Date of completion of the search<br><b>14 February 2002</b>                                                                                                                                                                                                                  | Examiner<br><b>Kolby, L</b>                  |
| CATEGORY OF CITED DOCUMENTS                                                                                                                                                                                             |                                                                                                                                                                         | T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>& : member of the same patent family, corresponding document |                                              |
| X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document |                                                                                                                                                                         |                                                                                                                                                                                                                                                                              |                                              |

EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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EP 00 11 7204

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