

Title (en)

Apparatus for controlling the starting and stopping of a hydraulic pump

Title (de)

Vorrichtung zum Starten und Anhalten einer hydraulischen Pumpe

Title (fr)

Dispositif de commande de démarrage et d'arrêt d'une pompe hydraulique

Publication

EP 0915256 A3 20000503 (EN)

Application

EP 98500236 A 19981029

Priority

ES 9702281 A 19971104

Abstract (en)

[origin: EP0915256A2] It comprises a flow detector (6) which provides a pump-stop signal; a pressure detector (5) which has a moving part associated with a membrane (14) and a fixed part mounted in the housing (2) of the apparatus (1) in the position of displacement of the moving part, the flow detector (6) also being provided with a moving part (9), which functions as a shutoff valve, and a fixed part mounted in the housing (2) of the apparatus (1), said fixed parts being magnetic sensors (12, 13); and means (7) for urging the pressure detector (5). It includes means for regulating the hydrostatic pressure, mounted inside the apparatus (1), thus allowing the pressure of the supply line to be regulated in function of the flow of water through the apparatus. Advantageously, the magnetic sensors (12, 13) are connected in such a way that if at least one of said sensors opens the circuit (24a) that supplies signal to the hydraulic pump (1), then the pump will stop. The apparatus takes into account a possible failure of the magnetic sensors. <IMAGE>

IPC 1-7

F04B 49/03; **F04B 49/02**

IPC 8 full level

F04B 49/02 (2006.01); **F04B 49/03** (2006.01)

CPC (source: EP)

F04B 49/02 (2013.01); **F04B 49/03** (2013.01); **F04B 2205/05** (2013.01); **F04B 2205/09** (2013.01)

Citation (search report)

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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 0915256 A2 19990512; **EP 0915256 A3 20000503**; **EP 0915256 B1 20040825**; DE 69825839 D1 20040930; DE 69825839 T2 20050915; ES 2149667 A1 20001101; ES 2149667 B1 20010416; ES 2227792 T3 20050401; PT 915256 E 20041231

DOCDB simple family (application)

EP 98500236 A 19981029; DE 69825839 T 19981029; ES 9702281 A 19971104; ES 98500236 T 19981029; PT 98500236 T 19981029