

Title (en)  
SERVO CONTROL DEVICE FOR A HYDRO MACHINE

Publication  
**EP 0141216 B1 19870506 (DE)**

Application  
**EP 84111149 A 19840919**

Priority  
DE 8328832 U 19831006

Abstract (en)  
[origin: EP0141216A1] 1. Servo adjustment device for an adjustable hydraulic machine with a control element (42), which can be randomly displaced by means of an actuation device and controls a pressure medium control stream for a device which actuates the correcting element (14) of the hydraulic machine and has at least one partially hollow adjustment piston (15), and with a control slide valve (47), which controls, together with the control element (42), a pressure space at the adjustment piston, characterized in that the adjustment piston (15) is guided with its inside against a guide body (18), and in that the pressure medium control stream is separated from the pressure medium contained in the housing of the hydraulic machine by means of a bellows (25) fixed on the adjustment piston and on a neighbouring housing wall (24).

IPC 1-7  
**F04B 49/00**; **F04B 49/08**

IPC 8 full level  
**F04B 1/08** (2006.01); **F04B 49/00** (2006.01); **F04B 49/08** (2006.01); **F04B 49/12** (2006.01)

CPC (source: EP US)  
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