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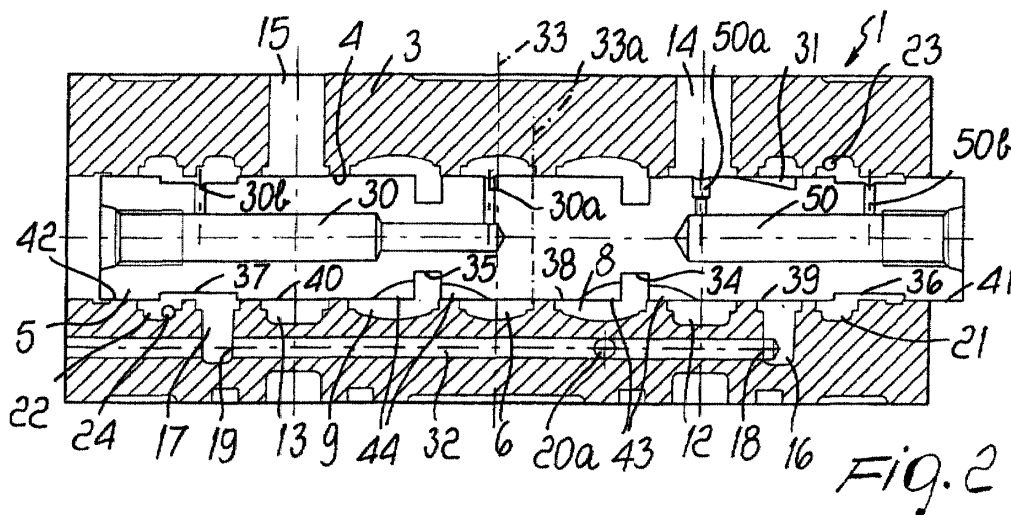
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(54) **Hydraulic control device**

(57) A hydraulic control device, for the actuation of a hydraulic user device, with input pressure compensator, comprising a bidirectional pilot valve (1) which can be actuated in order to connect one actuation branch (A or B) of a user device to a pressurized branch (P) of a hydraulic circuit and the other actuation branch (B or A) of the user device to a discharge branch (T) of the hydraulic circuit, and a pressure compensator (2), which is arranged on the pressurized branch (P) of the hydraulic circuit that enters the pilot valve (1). The pressure compensator (2) is affected by the pressure in the pres-

surized branch (P) of the hydraulic circuit, and the pressure acts so as to close the pressure compensator (2). The bidirectional pilot valve (1), in connecting a user device (A or B) to the pressurized branch (P) of the hydraulic circuit, also connects the pressurized branch (P) to the pressure compensator (2), but so as to maintain or increase its aperture, and to the discharge branch (T) of the hydraulic circuit through a choke (31, 81) so as to force the pump, which feeds the hydraulic circuit, to operate at a pressure which is significantly higher than required for the actuation of the user device (A or B), thus achieving higher operating stability.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 12 5635

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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			F15B
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 28 May 2002	Examiner Toffolo, O
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 00 12 5635

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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