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Applicant: **FORD MOTOR COMPANY LIMITED**  
Eagle Way  
Brentwood Essex CM13 3BW(GB)

Designated Contracting States:  
GB

Applicant: **FORD-WERKE AKTIENGESELLSCHAFT**  
Ottoplatz 2 Postfach 21 03 69  
D-5000 Köln 21(DE)

Designated Contracting States:  
DE

Applicant: **FORD FRANCE SOCIETE ANONYME**  
344 Avenue Napoléon Bonaparte B.P. 307  
F-92506 Rueil Malmaison Cedex(FR)

Designated Contracting States:  
FR

Applicant: **Ford Motor Company**  
The American Road  
Dearborn, MI 48121(US)

Designated Contracting States:  
BE NL SE

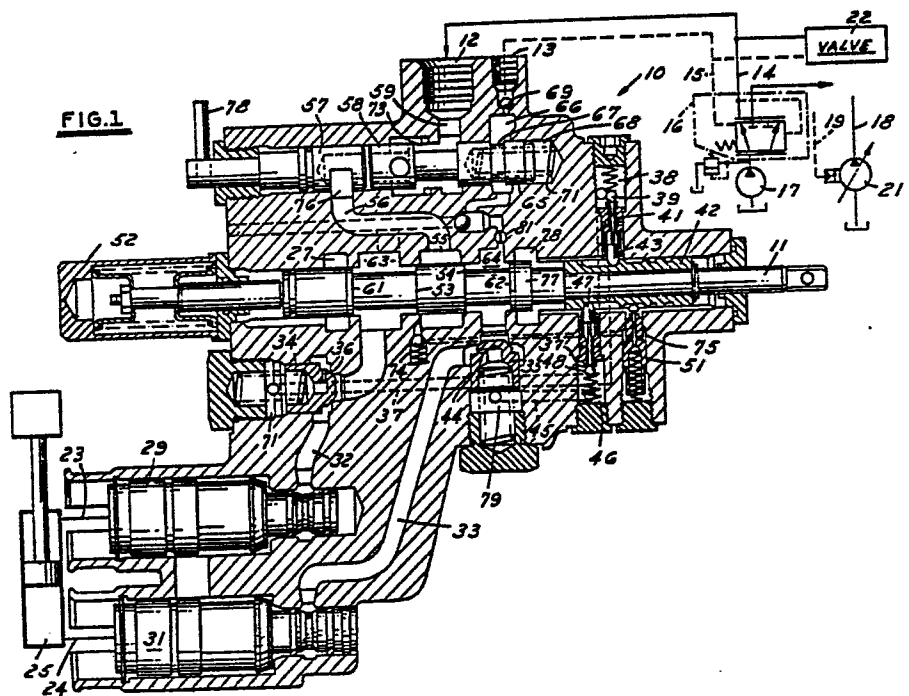
Inventor: **Rajagopal, Ganesh**  
1608 Mayflower  
Richardson Texas 75081(US)

Inventor: **Tallian, Richard**  
8780 Mohican  
Clarkston Michigan 48016(US)

Representative: **Messulam, Alec Moses et al,**  
A. Messulam & Co. 24 Broadway  
Leigh on Sea Essex SS9 1BN(GB)

**Hydraulic valve.**

A hydraulic valve for controlling the flow of hydraulic fluid from a source of fluid under pressure (17, 21) to and from at least one load shifting hydraulic motor (25). The valve comprises a valve body (10) housing an axially movable spool (11) and a spool manipulator means actuatable to shift the spool (11) in opposite directions from a neutral position to cause fluid flow to a hydraulic motor to move a load coupled thereto in a desired direction. Incorporated in the valve are pilot operated poppet valves (34, 35) operative to substantially prevent fluid leakage past the main spool (11) when the latter is in its neutral position.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
X	FR-A-2 312 675 (BENNES MARREL)  * Page 1, lines 12-16; page 1, line 33 - page 2, line 20; page 3, lines 31-39; figures 1-3 *	1, 2, 7, 8	F 15 B 13/04
Y		3	
Y	--- US-A-2 572 705 (J.H. EDMAN) * Column 1, lines 16-31; column 3, line 5 - column 4, line 2; column 5, lines 18-30; column 6, lines 10-53; figures 1-3 *	3	
A		4, 6	
A	--- FR-A-2 396 228 (WABCO WESTINGHOUSE GmbH) * Page 1, lines 15-25; figures 1, 2 *	5	TECHNICAL FIELDS SEARCHED (Int. Cl. 3)  F 15 B F 16 K
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22-03-1984	Examiner FRANKS N.M.
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>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</p> <p>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 &amp; : member of the same patent family, corresponding document</p>			