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**Improvements in or relating to control of pneumatic motors.**

A control unit for the remote control of a pneumatic motor main valve, the unit having a spool which controls the connection of an output connection to a main supply connection or to exhaust. In order to provide an improved response over the entire movement range of the valve a fixed orifice is provided between the main supply connection (21) and the output connection (23) and a variable orifice is provided between the output connection (23) and exhaust. The fixed and variable orifices are formed by parallel (15) and tapered (13) portions respectively on the spool.

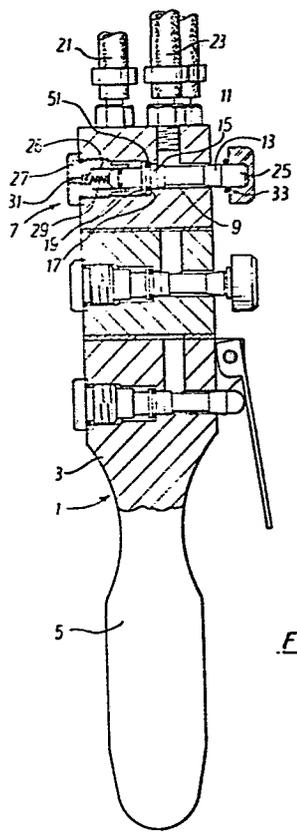


Fig. 2



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. <sup>3</sup> )
X	FR-A-1 328 037 (ZAHNRADFABRIK FRIEDRICHSHAFEN AG) * Page 1, right-hand column, lines 33-35; figure 3 *  -----	1-3	F 15 B 11/08 F 15 B 13/04
			TECHNICAL FIELDS SEARCHED (Int. Cl. <sup>3</sup> )
			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 30-09-1983	Examiner FRANKS N.M.
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			