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⑦② Inventor: **Ito, Tomoo**
20-14, Higashioshima-3-chome
Katsuta-shi(JP)

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⑦② Inventor: **Kamifuji, Hiroshi**
2785-28, Tsuda
Katsuta-shi(JP)

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⑦② Inventor: **Kobayashi, Haruhiko**
1531-2, Godai, Nakamachi
Naka-gun Ibaraki-ken(JP)

⑦① Applicant: **HITACHI, LTD.**
6, Kanda Surugadai 4-chome Chiyoda-ku
Tokyo 100(JP)

⑦② Inventor: **Itakura, Tomiya**
3337-239, Nakane
Katsuta-shi(JP)

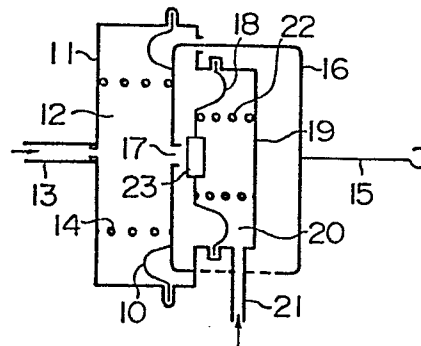
⑦① Applicant: **Hitachi Automotive Engineering Co., Ltd.**
3085-5, Saikouchi Higashiishikawa
Katsuta-shi Ibaraki 312(JP)

⑦④ Representative: **Patentanwälte Beetz sen. - Beetz jun.**
Timpe - Siegfried - Schmitt-Fumian
Steinsdorfstrasse 10
D-8000 München 22(DE)

⑤④ **Pressure servomotor and throttle valve opening controller making use of pressure servomotor apparatus.**

⑤⑦ A pressure servomotor has a driving diaphragm (10) for driving an operation shaft (15) connected to a load. The position of the driving diaphragm is determined by a control position determining means (17-23) which in turn operates in response to a control signal. When the driving diaphragm has been deflected to the control position determined by the control position determining means, the driving pressure applied to the driving diaphragm is weakened and, when the driving diaphragm is moved apart from the control position, the driving pressure applied to the driving diaphragm is increased. In consequence, the driving diaphragm is set at the control position determined by said control position determining means.

FIG. 1





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. *)
X	GB-A-2 020 853 (FRAM) * page 1, lines 32-85; page 2, line 69 to page 3, line 42; sole figure *	1,2,3 6,12	F 15 B 15/10 F 02 M 3/06
A		4,5,7 10,11 14	
X	FR-A-2 315 617 (S.I.B.E.) * page 4, line 7 to page 6, line 28; figure 1 *	1-4,12	
A		5-7,10 ,11,14	
			TECHNICAL FIELDS SEARCHED (Int. Cl. *)
			F 02 M F 02 D F 15 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18-09-1984	Examiner LEFEBVRE L. J. F.
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	