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EUROPEAN PATENT APPLICATION

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// F16K17/36

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⑦① Applicant: **VERIFLO CORPORATION, 250 Canal Boulevard, Richmond California 94303 (US)**

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⑦② Inventor: **Ollivier, Louis A., 8 Phillips Road, Palo Alto California 94303 (US)**

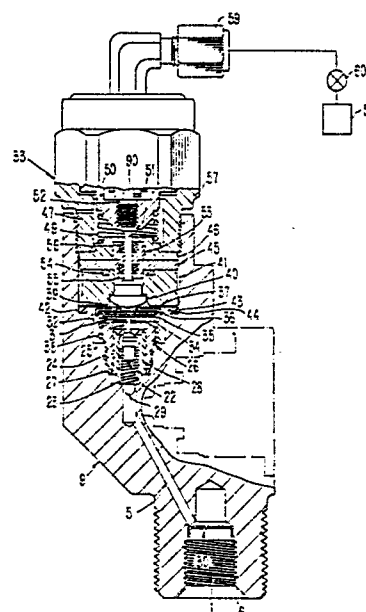
⑧④ Designated Contracting States: **BE CH DE FR GB IT LI NL SE**

⑦④ Representative: **Smith, Philip Antony et al, REDDIE & GROSE 16 Theobalds Road, London WC1X 8PL (GB)**

⑤④ **Cylinder valve for controlling gas flow from a high pressure storage cylinder.**

⑤⑦ Valve body (9) screws into the top of the cylinder and fits under the standard cap in place of the usual manual valve. Flow from the cylinder through valve inlet (6) is controlled by spring-loaded valve (22) which can be opened by button (40) acting through sealing diaphragm (37) on pin (31) projecting from valve (22). Button (40) is actuated by a piston (50) driven by fluid pressure supplied through a remote control valve (60).

The outlet from the valve body is fitted with a spring-biased valve which is opened when a connector is attached to the outlet. Between this valve and the outlet is a one-way flow restrictor.



EP 0 200 543 A3



European Patent
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EUROPEAN SEARCH REPORT

0200543

Application number

EP 86 30 3279

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.4)
A	FR-A-2 163 837 (PROCEDES SEM) * Page 1, lines 1-12; page 3, line 11 - page 4, line 5; figure 1 *	1	F 17 C 13/04 F 16 K 41/12 F 16 K 17/36
A	DE-A-2 155 452 (YAMATO SANGYO) * Page 1, paragraph 1; page 3, paragraph 5 - page 5, paragraph 1; figure 1 *	1,4	
A	US-A-3 192 782 (C. WANTZ) * Column 1, lines 36-40; column 1, line 62 - column 4, line 9; figure 1 *	1,2	
A	FR-A-2 176 727 (SOLVAY) * Page 1, lines 1-5; page 3, line 38 - page 4, line 5; figure 1 *	1,9	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			F 16 K F 17 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22-04-1987	Examiner SIEM T.D.
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			