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71 Applicant: **WEBER S.p.A., Via Giacosa 38, I-20125 Torino (IT)**

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72 Inventor: **Vitto, Renato, Via Magnani 3, I-40134 Bologna (IT)**

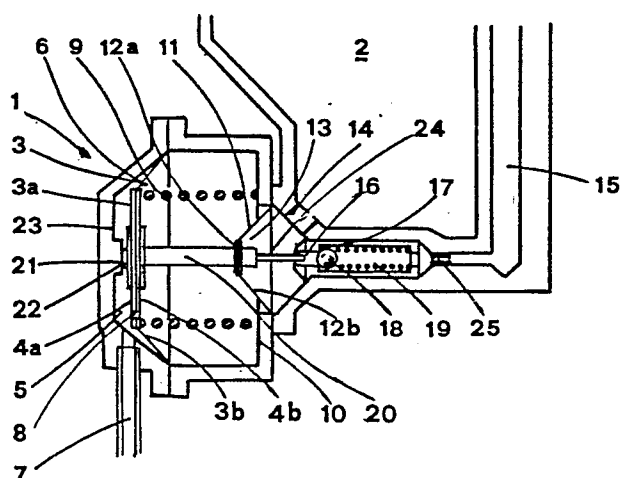
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74 Representative: **Rinaldi, Carlo, c.o. Studio Brevetti Nazionali ed Esteri dell'Ing. Carlo Rinaldi & C. s.d.f. Via Aristide Busi, 1, I-40137 Bologna (IT)**

54 **Pneumatic device able to transitorially enrich the mixture delivered by a carburetor for internal combustion engines.**

57 A device suitable to transitorially enrich the mixture delivered by a carburetor includes a housing (1), enclosing two chambers (5) and (6), which are separated by a diaphragm (3); chamber (5) communicates with the manifold through a channel (7); chamber (6) communicates with chamber (5) through a metering hole (8), which crosses the plates (4a and 4b); a spring (9) and the forces due to pressures acting on the 2 diaphragm sides (3) act on the diaphragm (3); a chamber (13) separated from the chamber (6) by a diaphragm (11), communicates with the float, chamber (2) through an inlet and with the main circuit (15) through an outlet (16), closed by a valve formed by a spring (19), suitable for pushing a sphere (18) on a seat (17). A bar (20) integral to the diaphragms (3, 11) supports a pushing rod (24), which under the action of pressure forces acting on the diaphragm (3) removes the sphere (18) from the seat (17), opening the outlet passage. The fuel is metered out by a bush (25).





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)
Y	US-A-1 858 835 (MABEE) * Page 1, lines 1-6; page 2, lines 86-130; page 3, lines 1-3, 16-70, 120-130; page 4, lines 1-27 *	1,3	F 02 M 7/12
Y	--- GB-A- 305 338 (BEATSON) * Page 1, lines 45-66, 83-106; page 2, lines 1-96; figure 1 *	1,3	
A	--- FR-A-1 525 059 (NIPPON DENSO CY) * Page 1, left-hand column, last paragraph; right-hand column, paragraph 1; page 2, left-hand column, paragraph 2; figure *	2	
A	--- GB-A-2 012 368 (G.M) * Page 2, lines 77-84, 117-122; figure *	5	TECHNICAL FIELDS SEARCHED (Int. Cl.4) F 02 M
A	--- FR-A-1 478 467 (DE PONTAC) * Page 1, left-hand column, paragraph 3; right-hand column, 2nd, 3rd and last paragraphs; page 2, left-hand column, the first 3 and the last 2 paragraphs, right-hand column, the first 5 paragraphs; figure 3 *	1	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 19-06-1985	Examiner JORIS J.C.
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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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	US-A-4 393 855 (MANDAR) * Abstract; column 2, lines 55-68; column 3, lines 7-8; figures 1,4,6 * -----	1,2,3,4	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
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