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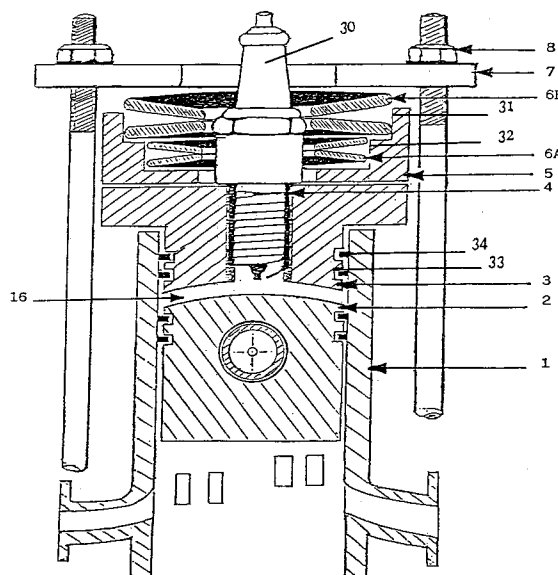
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AT BE CH DE DK ES FR GB GR IT LI LU NL SE(88) Date of deferred publication of the search report:
10.06.92 Bulletin 92/24(71) Applicant: **Mignone, Giuseppe**
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Riccardi & Co. Via Macedonio Melloni, 32
I-20129 Milano(IT)(54) **Internal combustion engine with variable combustion chamber.**

(57) In an internal-combustion engine of new conception, either a mobile supplementary piston (3), or an oscillating membrane (9) is added in the cylinder (1) or a connecting rod (11) with variable length is adopted; which, suitably calibrated have the function of varying the volume of the combustion chamber (16), to maintain the compression pressure constant at all RPM rates and the ignition pressure limited at all RPM rates to improve the working cycle, modifying it, increasing its performance and efficiency, eliminating the detonation and the consequent use of anti-knock agents which pollute the atmosphere.

Figure 1**EP 0 488 431 A3**



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EUROPEAN SEARCH REPORT

Application Number

EP 91 20 2223

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.5)
X	DE-A-3 130 767 (BECKER) * page 4, paragraph 3 -last paragraph; claim 1; figure 1 *	1-3, 5	F02B75/04

X	FR-A-884 757 (DE SAUSSURE)	1, 2	
A	* claims 1,2; figures 2-5,7 *	3, 5	

X	DE-A-2 753 563 (DAIMLER-BENZ) * claims 1-4; figures 1,2 *	1, 10	

X	FR-A-1 135 553 (METENIER) * page 2, right column, paragraph 5 -paragraph 8; figure 10 *	1, 10	

X	DE-A-3 612 842 (BMW)	1	
A	* column 5, line 60 - column 6, line 51; figure 1 *	6	

A	FR-A-828 408 (BESCHE ET AL.)		

A	US-A-2 393 749 (CADELLA)		

The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			F02B
Place of search BERLIN		Date of completion of the search 21 FEBRUARY 1992	Examiner THOMAS 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			