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EUROPEAN PATENT APPLICATION

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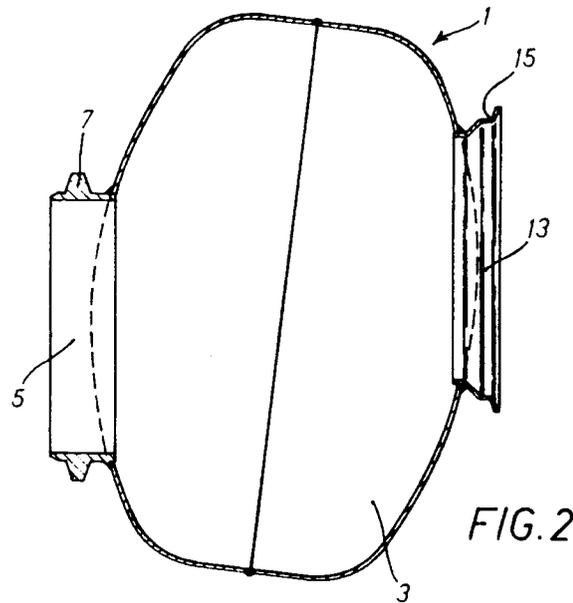
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Silencer device for internal combustion engines.

Silencer device (1) for internal combustion engines equipped with exhaust brake, composed by a hollow body (3) whose shape is substantially spheroidal and whose section is approximately ovoidal, assembled downstream of the exhaust manifold of the engine and upstream of the muffler, connected to them through inlet openings (5, 13) and ducts (7, 15), and operating on exhaust gases going out of the engine, so that they expand and reflect inside it, losing kinetic energy, and damping the sound waves before making them entering the muffler.



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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.5)
A	EP-A-0 293 783 (ISUZU) * column 2, line 32 - line 41; figure 1 * ---	1	F01N1/02 F02D9/06
A	DE-A-1 112 678 (FILTERWERK MANN & HUMMEL) -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			F01N F02D B60T G10K
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 19 APRIL 1993	Examiner VAN ZOEST A.P.
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	