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(54) Silencer.

(57) Silencer comprising an elliptic wall where an introduction pipe (1) for introduction of the sound producing medium being terminated in one of the focusing points (8) of the silencer. The silencer comprises sound absorbing material (4) and a second focusing point (7) does not have such sound absorbing material. The sound waves thereby propagating from the first focusing point (8) against the elliptic wall (3), thereby being reflected from the wall towards the second focusing point (7) and from here being propagated back to the elliptic wall (3) where the sound waves again are reflected to the first focusing point (8) are propagated further back through the introduction pipe (1). An exhaust pipe (2) for gases being arranged in a distance from the second focusing point (7).

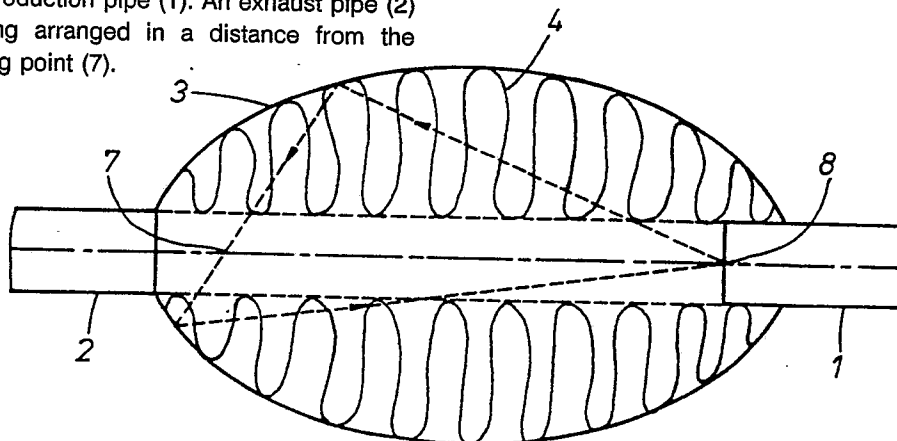


FIG.1

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EP 0 271 465 A3



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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)
Y	FR-A- 992 706 (SOCIETE SIVAL) * Page 2, left-hand column, paragraphs 2-5; right-hand column, paragraph 2; figures 1,2,4 *	1-11,13	F 01 N 1/24 F 01 N 1/04
Y	NL-C- 53 952 (JUNKERS) * Page 3, lines 84-97; figure 7 *	1-11,13	
P,Y	WO-A-8 700 241 (REINHARDTSEN) * Page 2, line 3 - page 3, line 22; figures 1-12 *	1-11,13	
A	DE-C- 891 343 (RUIT) * Page 2, lines 25-37; figure 3 *	11	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			F 01 N
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 09-11-1989	Examiner SIDERIS M.
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			