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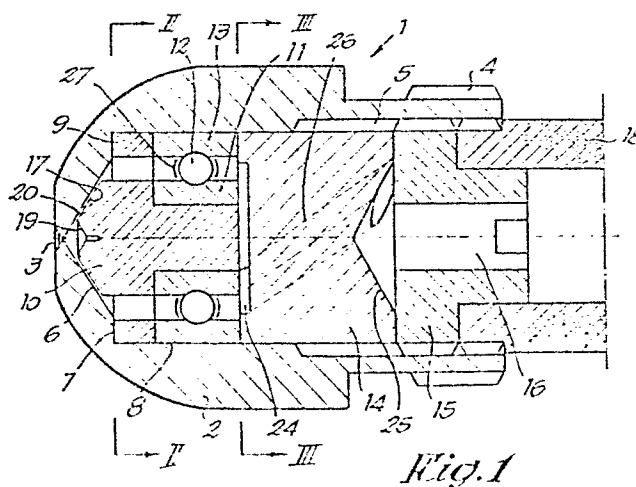
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Improved atomizer for gas-oil burners.

An atomizer for gas-oil burners, consists of an atomizer body (2) wherein, with its top angle ending into the atomizer opening (3), a conical cavity (6) is provided and wherein in this body (2) a freely rotatable revolving head (10) is provided which is driven by the gas-oil, the conical end (17) of the revolving head (10) being held at a very small distance from said cavity (6) so as to form a conical gap through which the gas-oil has to pass before it can reach the atomizer opening (3).

The revolving head (10) is fixed in the inner ring (11) of a ball bearing (12) the outer ring (13) of which bears on a stop (7).





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. ³)
Y	US-A-2 107 601 (RIDGEWOOD) * Whole document *	1,4	F 23 D 11/38
A		6	
Y	--- DE-C- 500 784 (LUDWIG) * Page 1, lines 1-7 and line 54 - page 2, line 9; figures *	1,4	
A	--- FR-A- 758 311 (POUDEROUX) * Page 1, lines 7-13, 23-32; fig- ure 3 *	2	
A	--- FR-A-2 351 354 (SOUDAN) * Page 5, lines 24-27; figure 1 *	7	
			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
			F 23 D B 05 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13-03-1985	Examiner COMEL E.
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			