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EUROPEAN PATENT APPLICATION

21 Application number: 85850225.5

51 Int. Cl.⁴: **F 23 Q 3/00**

22 Date of filing: 01.07.85

30 Priority: 05.07.84 SE 8403584

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43 Date of publication of application: 08.01.86
Bulletin 86/2

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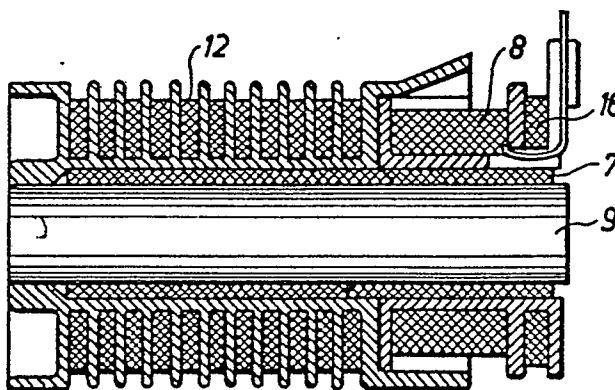
84 Designated Contracting States: AT BE CH DE FR GB IT LI LU NL

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88 Date of deferred publication of search report: 27.05.87 Bulletin 87/22

54 Apparatus in spark generators.

57 Ignition apparatus, e.g. for oil burners, comprising an oscillator circuit (20) to which is connected a transformer with a primary (7, 8) and a secondary circuit (12), the secondary circuit being connected to spark electrodes (13, 14). The oscillator circuit is, for example, connected to an AC mains (1, 2) via a rectifier (5) so that when a rectified half-wave occurs there is operating voltage for the oscillator (20) which starts high-frequency spark generation. The transformer is implemented such that close coupling exists between a primary winding part (7) and the secondary winding (12) and that there is also close coupling between a second primary winding path (8) and a winding (16) controlling an oscillation energy circuit. The second primary winding path (8) and the feed-back winding (16) are geometrically arranged laterally on the transformer core (9) in relation to the primary winding.





European Patent
Office

EUROPEAN SEARCH REPORT

0167510

Application number

EP 85 85 0225

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	DE-A-2 659 761 (O.F.R.) * Pages 16,17; figure 2 *	1,8,9	F 23 Q 3/00

A	US-A-4 358 813 (MATSUSHITA) * Column 5, claim 1; figures 5-8 *	1	

A	FR-A-1 392 983 (ROWENTA)		

			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			F 23 Q F 23 N H 01 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27-02-1987	Examiner VANHEUSDEN J.
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	