

Title (en)  
IGNITION APPARATUS COMPRISING AN OSCILLATOR CIRCUIT

Publication  
**EP 0167510 B1 19890524 (EN)**

Application  
**EP 85850225 A 19850701**

Priority  
SE 8403584 A 19840705

Abstract (en)  
[origin: EP0167510A2] 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.

IPC 1-7  
**F23Q 3/00**

IPC 8 full level  
**F23Q 3/00** (2006.01)

CPC (source: EP)  
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**EP 0167510 A2 19860108; EP 0167510 A3 19870527; EP 0167510 B1 19890524**; AT E43433 T1 19890615; DE 167510 T1 19860410; DE 3570512 D1 19890629; SE 443220 B 19860217; SE 8403584 D0 19840705; SE 8403584 L 19860106

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