

Title (en)
APPARATUS IN SPARK GENERATORS

Publication
EP 0167510 A3 19870527 (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)
F23Q 3/00 (2013.01)

Citation (search report)
• [A] DE 2659761 A1 19770707 - O F R OFFICINE FRATELLI RIELLO
• [A] US 4358813 A 19821109 - SATO MUNEKAZU, et al
• [A] FR 1392983 A 19650319 - ROWENTA METALLWARENFAB GMBH

Cited by
EP0957316A3; EP0801267A3; US6242866B1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL

DOCDB simple family (publication)
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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