

Title (en)

ELECTRONIC IGNITION CIRCUIT FOR OIL BURNERS

Title (de)

ELEKTRONISCHE ZÜNDSCHALTUNG FÜR ÖLBRENNER

Title (fr)

CIRCUIT D'ALLUMAGE ELECTRONIQUE POUR BRULEURS A COMBUSTIBLE LIQUIDE

Publication

**EP 1454096 A1 20040908 (EN)**

Application

**EP 01274985 A 20011214**

Priority

DK 0100828 W 20011214

Abstract (en)

[origin: WO03052322A1] The present invention relates to an electronic ignition circuit for oil burners, in particular a high voltage high frequency ignition circuit, said circuit comprising an oscillator and a high frequency high voltage transformer wound on a core (1). The core (1) on which the high frequency transformer is wound forms a substantially closed magnetic path for the magnetic flux generated by the winding of the transformer (T1'), when current flows through the windings (4a-4d).

IPC 1-7

**F23Q 3/00**; **H01F 38/12**

IPC 8 full level

**F23Q 3/00** (2006.01); **H01F 3/14** (2006.01); **H01F 38/12** (2006.01)

CPC (source: EP KR US)

**F23Q 3/00** (2013.01 - KR); **F23Q 3/004** (2013.01 - EP US); **H01F 38/12** (2013.01 - KR); **H01F 3/14** (2013.01 - EP US); **H01F 38/12** (2013.01 - EP US)

Citation (search report)

See references of WO 03052322A1

Cited by

CN108613216A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 03052322 A1 20030626**; AT E352752 T1 20070215; AU 2001298080 A1 20030630; CN 1254632 C 20060503; CN 1592829 A 20050309; DE 60126362 D1 20070315; DE 60126362 T2 20071108; EP 1454096 A1 20040908; EP 1454096 B1 20070124; KR 100632766 B1 20061012; KR 20040074074 A 20040821; US 2005042563 A1 20050224

DOCDB simple family (application)

**DK 0100828 W 20011214**; AT 01274985 T 20011214; AU 2001298080 A 20011214; CN 01823881 A 20011214; DE 60126362 T 20011214; EP 01274985 A 20011214; KR 20047009017 A 20011214; US 49642804 A 20041101