

Title (en)

IMPULSE OSCILLATOR IGNITION SYSTEM FOR AN INTERNAL-COMBUSTION ENGINE

Publication

**EP 0181961 B1 19880629 (DE)**

Application

**EP 84114100 A 19841122**

Priority

EP 84114100 A 19841122

Abstract (en)

[origin: EP0181961A1] 1. Ignition system for an internal combustion engine with a capacitor (7) and an ignition coil, which comprises a primary winding (5) connected to ignition current switching unit (35) and a secondary winding (22) connected to the primary winding (5) in an auto-transformer series circuit, characterized in that to provide an impulse oscillator the capacitor (7) is connected to the secondary winding on its high voltage side and is connected in parallel to the series circuit of the primary winding (5) and the secondary winding (22).

IPC 1-7

**F02P 9/00; F02P 3/00**

IPC 8 full level

**F02P 3/01** (2006.01); **F02P 9/00** (2006.01); **F02P 15/10** (2006.01)

CPC (source: EP)

**F02P 3/01** (2013.01); **F02P 9/002** (2013.01); **F02P 15/10** (2013.01)

Citation (examination)

- EP 0018622 A1 19801112 - BAUR HEINZ
- "Das Grosse Buch der Kraftfahrzeug-Elektrik (1973) Seiten 136-142

Cited by

DE3840315C1; DE3928726A1; DE102013222063B4; FR2649759A1; US5179928A; US9784230B2; US9651016B2; WO9100961A1; WO2014041070A1

Designated contracting state (EPC)

CH DE FR IT LI SE

DOCDB simple family (publication)

**EP 0181961 A1 19860528; EP 0181961 B1 19880629; DE 3472434 D1 19880804**

DOCDB simple family (application)

**EP 84114100 A 19841122; DE 3472434 T 19841122**