

Title (en)  
METHOD OF IGNITION

Title (de)  
ZÜNDVERFAHREN

Title (fr)  
PROCEDE D'ALLUMAGE

Publication  
**EP 1299630 B1 20060322 (DE)**

Application  
**EP 01931405 A 20010405**

Priority  
• DE 0101317 W 20010405  
• DE 10031875 A 20000630

Abstract (en)  
[origin: WO0202923A1] The invention relates to a method of ignition for an internal combustion engine, whereby an injection is alternatively carried out in at least one first operating mode (H1, H2), or in a second operating mode (S) and the charging of the ignition coil is carried out depending on the current operating mode. A characteristic control impulse sequence (SI) of the current operating mode is provided and the charging of the ignition coil (ZS) is carried out by a control logic (L), based on the control impulse sequence (SI), with a correspondingly varied time course for the primary current. According to the invention, a suitable ignition system for an internal combustion engine is produced.

IPC 8 full level  
**F02D 41/30** (2006.01); **F02P 3/00** (2006.01); **F02D 37/02** (2006.01); **F02D 41/02** (2006.01); **F02P 3/05** (2006.01); **F02P 15/08** (2006.01)

CPC (source: EP US)  
**F02D 37/02** (2013.01 - EP US); **F02D 41/3029** (2013.01 - EP US); **F02P 3/053** (2013.01 - EP US); **F02P 15/08** (2013.01 - EP US)

Cited by  
DE102010015998A1; DE102022207300A1; WO2024017570A1; WO2011113431A1

Designated contracting state (EPC)  
DE FR IT

DOCDB simple family (publication)  
**WO 0202923 A1 20020110**; DE 10031875 A1 20020110; DE 50109291 D1 20060511; EP 1299630 A1 20030409; EP 1299630 B1 20060322; JP 2004502084 A 20040122; US 2003154954 A1 20030821; US 6814047 B2 20041109

DOCDB simple family (application)  
**DE 0101317 W 20010405**; DE 10031875 A 20000630; DE 50109291 T 20010405; EP 01931405 A 20010405; JP 2002507157 A 20010405; US 31293703 A 20030325