

Title (en)
Ignition timing control method for an internal combustion engine

Title (de)
Verfahren zur Steuerung des Zündzeitpunktes einer Brennkraftmaschine

Title (fr)
Procédé de commande de l'allumage d'un moteur à combustion interne

Publication
EP 0881382 B1 20020925 (FR)

Application
EP 98401217 A 19980520

Priority
FR 9706528 A 19970528

Abstract (en)
[origin: EP0881382A1] The method involves the primary winding (3) of an ignition coil (4) being supplied from a battery (Vb) and the current being measured by an electronic unit (6). The ignition circuit is switched on and off by a power transistor (2) governed by a microcontroller (1). The microcontroller receives actual time/current data from the electronic unit and has a memory (12) which stores a simple three straight line provisional time/current characteristic for the ignition circuit. The electronic unit only signals between current thresholds and these with the corresponding known times are used to modify the provisional stored characteristic. This is then employed to give the actual ignition circuit interruption time to produce a particular required ignition current.

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F02P 3/045; F02P 17/10

IPC 8 full level
F02P 3/045 (2006.01); **F02P 17/10** (2006.01)

CPC (source: EP)
F02P 3/0456 (2013.01); **F02P 17/10** (2013.01)

Cited by
US7686000B2; WO2007038945A1; WO2009040299A1

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EP 0881382 A1 19981202; **EP 0881382 B1 20020925**; DE 69808174 D1 20021031; DE 69808174 T2 20030528; FR 2764004 A1 19981204; FR 2764004 B1 19990716

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