

Title (en)

Electronic ignition control system for a vehicle internal combustion engine.

Title (de)

Elektronische Vorrichtung zur Zündungssteuerung eines Fahrzeugverbrennungsmotors.

Title (fr)

Dispositif de commande d'allumage électronique pour un moteur de véhicule à combustion interne.

Publication

EP 0495434 A1 19920722 (EN)

Application

EP 92100454 A 19920113

Priority

IT TO910021 A 19910115

Abstract (en)

A system (1) comprising: a first block (7) for producing an inductive discharge between the electrodes of a spark plug (6) of an engine (3); a second block (8) for producing a capacitive discharge between the electrodes of the spark plug (6); an electronic control system (2) to which are supplied signals relative to operating parameters and conditions of the engine (3), and which provides for selecting an inductive, capacitive, or combined inductive and capacitive discharge, and for phasing the two discharges in the case of a combined discharge; a third block (5) enabled by the electronic control system (2), for controlling the first and second blocks (7, 8). <IMAGE>

IPC 1-7

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

IPC 8 full level

F02P 3/00 (2006.01); **F02P 9/00** (2006.01)

CPC (source: EP)

F02P 3/005 (2013.01); **F02P 9/002** (2013.01)

Citation (search report)

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- [Y] RESEARCH DISCLOSURE. no. 280, August 1987, HAVANT GB page 491; D.H. HOPPER: 'CAPACITIVE DISCHARGE/INDUCTIVE IGNITION SYSTEM'
- [A] PATENT ABSTRACTS OF JAPAN vol. 5, no. 72 (M-68)14 May 1981 & JP-A-56 023 568 (NISSAN MOTOR CO LTD) 5 March 1981

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