

Title (en)

IGNITION CONTROL DEVICE FOR AN INTERNAL COMBUSTION ENGINE ELECTRONIC IGNITION SYSTEM

Publication

**EP 0555851 A3 19940706 (EN)**

Application

**EP 93102158 A 19930211**

Priority

IT BO920049 A 19920213

Abstract (en)

[origin: EP0555851A2] A device for controlling an electronic engine ignition system (2) comprising a coil (3), the primary winding (4) of which is connected between a reference voltage and ground via a switch block (5), and the secondary binding (6) of which is connected between the electrode of a spark plug (7) and ground. The device comprises means for detecting, for the spark of each operating cycle, signals relative to the energy at the spark plug; means for computing engine speed; means for comparing the energy of the plug with optimum values for each engine speed; and means for controlling charging of the primary winding via a signal resulting from the above comparison, and for driving the switch block, so as to control energy supply to the plug for the spark of the next cycle. <IMAGE>

IPC 1-7

**F02P 3/04**; **F02P 3/045**; **F02P 3/05**; **F02P 17/00**

IPC 8 full level

**F02P 3/045** (2006.01); **F02P 3/05** (2006.01); **F02P 17/10** (2006.01); **F02P 17/12** (2006.01)

CPC (source: EP)

**F02P 3/0456** (2013.01); **F02P 3/053** (2013.01); **F02P 17/10** (2013.01); **F02P 17/12** (2013.01)

Citation (search report)

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