

Title (en)

METHOD AND DEVICE FOR PROVIDING DIAGNOSTICS FOR AN INTERNAL COMBUSTION ENGINE IGNITION COIL

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BEREITSTELLUNG VON DIAGNOSE FÜR EINE ZÜNDSPULE EINES VERBRENNUNGSMOTORS

Title (fr)

PROCEDE ET DISPOSITIF DE DIAGNOSTIC D'UNE BOBINE D'ALLUMAGE D'UN MOTEUR A COMBUSTION INTERNE

Publication

**EP 1957789 A1 20080820 (FR)**

Application

**EP 06842076 A 20061130**

Priority

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- FR 0553728 A 20051205

Abstract (en)

[origin: WO2007066031A1] Method providing the diagnostics of the operation of an internal combustion engine ignition coil further comprising at least one electric cable connecting the ignition coil to at least one spark plug (19) installed in a cylinder head of the engine, characterized in that the method consists in: temporarily introducing a voltage-controlled switch (27, 25, 29) into the ignition circuit, causing the coil to supply a so-called diagnostics voltage higher than a threshold value needed for the spark plug to form a spark, so as to cause a spark to form between the central electrode of the spark plug (23) and a conducting element of the switch, and checking that a spark actually is formed in response to the said supply.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2007066031A1

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