Title (en)

HIGH VOLTAGE RESONATOR-AMPLIFIER WITH AN OPTIMIZED STRUCTURE FOR RADIOFREQUENCY IGNITION SYSTEM

Title (de)

HOCHSPANNUNGSRESONATOR-VERSTÄRKER MIT OPTIMIERTER STRUKTUR FÜR EIN HOCHFREQUENZ-ZÜNDSYSTEM

Title (fr)

RESONATEUR-AMPLIFICATEUR HAUTE TENSION DE STRUCTURE OPTIMISEE POUR SYSTEME D'ALLUMAGE RADIOFREQUENCE

Publication

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Application

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Abstract (en)

[origin: WO2010119197A1] The invention relates to a high voltage resonator-amplifier for a radiofrequency ignition system which can be used in an internal combustion engine, said resonator-amplifier including at least two electrodes (11, 12), a coil (2) arranged in alignment with the electrodes along a longitudinal axis (Z), and linking means (3) retaining the coil (2) and the electrodes (11, 12) in a relatively fixed position. According to the invention, the coil (2) is wound around a closed bend (K) which in turn wraps around the longitudinal axis (Z).

IPC 8 full level

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