

Title (en)
IGNITION SYSTEM FOR INTERNAL COMBUSTION ENGINES

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Application
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Priority
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Abstract (en)
[origin: WO8706651A1] The ignition system is provided with an electronic breaker (7) which, in the excited state of a trigger (11), adopts a current-transmitting state, as well as with an ignition coil (6), the primary winding (5) of which forms with the breaker (7) a series connection, and finally with a signal generator (10) connected in series with the trigger (11) to supply a control signal (a, b) which reaches its peak value after a period of time has elapsed. The switching threshold of the trigger (11) can be adjusted in relation to the control signal (a, b) and in particular by using an electric accumulator (30) which is chargeable and dischargeable, and in which discharging is dependent on a specific current value in the primary winding (5). According to the invention, the accumulator (30) can be charged by the control signal (a, b) and also can be discharged, via a shunt arm (32) with a large resistance value, as well as via a shunt arm (34) with a small resistance value, whereby the attainment of the specific primary current value switches off the charging of the accumulator (30) and switches on the shunt arm (34) with a small resistance value.

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