

Title (en)

Multiple spark electronic ignition system.

Title (de)

Elektronisches Zündsystem mit Mehrfachfunken.

Title (fr)

Système d'allumage électronique à étincelles multiples.

Publication

**EP 0147678 A2 19850710 (EN)**

Application

**EP 84114676 A 19841203**

Priority

US 55792283 A 19831205

Abstract (en)

A multiple-spark electronic ignition system producing a timed sequence of a plurality of ignition sparks per cylinder compression cycle of an internal combustion engine. The system includes: a trigger pulse signal source; a control circuit that generates a plurality of timed ignition signals for each of the trigger pulses, preferably 3 to 20 signals, the frequency of the timed ignition signals being a function of the RPM of the engine; and an amplifying circuit which transforms the timed sequence of ignition pulses into a timed series of high energy ignition sparks.

IPC 1-7

**F02P 9/00**

IPC 8 full level

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CPC (source: EP)

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**EP 0147678 A2 19850710**; **EP 0147678 A3 19860702**; AU 3742085 A 19850626; JP S61500623 A 19860403; KR 850700151 A 19851025; WO 8502657 A1 19850620; ZA 849480 B 19850731

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