

Title (en)  
IMPROVED TIME DELAY IGNITION CIRCUIT FOR AN INTERNAL COMBUSTION ENGINE

Title (de)  
ZÜNDVERZÖGERUNGSSCHALTUNG FÜR VERBRENNUNGSMOTOREN

Title (fr)  
CIRCUIT D'ALLUMAGE TEMPORISE AMELIORE POUR MOTEUR A COMBUSTION INTERNE

Publication  
**EP 0906497 A4 20000830 (EN)**

Application  
**EP 97940526 A 19970620**

Priority  
• US 9710636 W 19970620  
• US 2003296 P 19960621

Abstract (en)  
[origin: WO9748903A2] An internal combustion engine assembly including an internal combustion engine including an engine block having at least one cylinder, a piston mounted within the cylinder for reciprocal movement in the cylinder, a fuel injector for injecting fuel into the cylinder, the fuel injector initiating a fuel injection event at a predetermined time and a circuit for generating a spark in the cylinder a predetermined amount of time after the injection event to cause combustion of fuel in the cylinder.

IPC 1-7  
**F02P 5/04**; **F02P 5/15**

IPC 8 full level  
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CPC (source: EP)  
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Citation (search report)  
• [XA] US 4621599 A 19861111 - IGASHIRA TOSHIHIKO [JP], et al  
• [X] FR 1271399 A 19610908 - TEXACO DEVELOPMENT CORP  
• [A] US 4380989 A 19830426 - TAKAKI IWAO [JP]  
• See references of WO 9748903A2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 9748903 A2 19971224**; **WO 9748903 A3 19980319**; AU 4228497 A 19980107; AU 706153 B2 19990610; CA 2258105 A1 19971224; CN 1081733 C 20020327; CN 1227620 A 19990901; EP 0906497 A2 19990407; EP 0906497 A4 20000830; HK 1022341 A1 20010412; JP H11513098 A 19991109

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