

Abstract of the Disclosure

COMBUSTION PROMOTING DEVICE FOR INTERNAL COMBUSTION ENGINE

Disclosed is a combustion promoting device for an internal combustion engine which derives high combustion efficiency and high power from the internal combustion engine. The combustion promoting device is provided with a combustion promotion inductor formed of a super alloy having excellent heat resistance and thermal conductivity. The combustion promotion inductor is adapted to absorb high-temperature heat generated when an explosion stroke takes place. This absorption of the high-temperature heat allows the combustion promotion inductor to be maintained in a pre-heated state at all times, thereby serving as a kindler (a promoter generating a spark). As a result, the combustion promotion inductor rapidly increases the temperature of an air-fuel mixture introduced again after an exhaust stroke to reinforce the explosive force concomitant with the thermal expansion, thereby allowing the internal combustion engine to obtain high power.

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