

Thyristor energy storage ignition

The literature contains a variety of inverter circuits with forced commutation. In general, the auxiliary circuit for switching off the load current carrying thyristors is composed of a number of ...

The input source supplies 250-600 V for the CDI system. This voltage charges the main capacitor, C, through the charging circuit. The diode, D, inside the charging circuit prevents capacitor C ...

A newly developed small-sized IES (inductive energy storage) circuit with static induction thyristor at turn-off action was successfully applied to an ignition system. This IEC circuit can generate ...

An improved turbine engine ignition exciter circuit. Energy stored in an exciter tank capacitor is subsequently switched to the load (igniter plug) through a novel thyristor switching device ...

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