

ABSTRACT

In a power supply circuit for an electric discharge machine, an inductive element is placed in circuit with the power supply and the gap. During the rise time of the machining current, the inductor element is shorted out by a switching element TR2 preventing it from affecting the time constant of the circuit. After the machining current's rise time, the inductive element is reinserted in series with the power supply and the gap in order to minimize the machining current cutoff and maintain a continuous flow of machining current.

This Sheet Has Been Replaced



THIS SHEET HAS BEEN
REPLACED