

ABSTRACT

5 Apparatus for Feeding an Electrical Load

For feeding an ohmic, inductive or capacitive load,
needle pulse trains are employed, with the needle
pulses thereof having a duration of less than 1 milli-
10 second. Due to pulse amplitudes which are by far
higher in relation to the nominal voltage of the load,
considerable increases in efficiency can be achieved,
however, without damaging the load or impairing its
useful life. The needle pulses are of constant ampli-
15 tude and the same polarity. The ratio between pulse
voltage and nominal voltage is always higher than 1.7.

(Fig. 1)

This Sheet Has Been Replaced

