

X. ABSTRACT

The present invention relates to a non-contact type power supply unit intended for use in electronic equipment, aiming at the realization of a small size and low cost and successful achievement in an enhanced capability of electric power transmission.

In order to achieve the foregoing objectives, the non-contact type power supply unit comprises a primary coil(11) that is fed with pulsated currents, a secondary coil(13) mounted opposite to the primary coil(11) in an enclosure that is different from an enclosure wherein the primary coil(11) is mounted, whereby electric power is transferred from the primary coil(11) to the secondary coil(13) and wherein a ferrite core(12) is disposed so as to extend from the primary coil(11) towards the secondary coil(13), thus achieving efficient electric power transmission from the primary coil(11) to secondary coil(13).