

ABSTRACT

An electrical discharge detection system that detects an output of noise superimposed on a voltage or a current of an electric circuit to which a load is connected includes a filter unit capable of extracting an output waveform in a specific frequency band, a division unit capable of dividing a certain time into a plurality of domains, and a determination unit capable of confirming a degree of continuity of domains in which an output of noise has been confirmed or comparing outputs of noise of a domain group in which a plurality of domains is collected.

Fig. 4