

ARC DETECTION SYSTEM, ARC DETECTION METHOD, AND PROGRAM
[ABSTRACT]

An arc detection system (100) includes a first obtainment unit
5 (11), a second obtainment unit (12), and a determination unit (13).
The first obtainment unit (11) obtains a measurement result of
current (I1) flowing in a power line (L1) to which power is supplied
from a power supply (2) or a measurement result of voltage (V1) in
the power line (L1). The second obtainment unit (12) obtains
10 operation information about operation of a device (3) connected to
the power line (L1). The determination unit (13) determines
whether or not an arc fault has occurred in the power line (L1) based
on the measurement result obtained by the first obtainment unit (11)
and the operation information obtained by the second obtainment
15 unit (12).

Fig. 1