

ABSTRACT

A discharge detection system of the present invention includes a master unit 40 and a slave unit 60, wherein each of the master unit 40 and the slave unit 60 is provided
5 with a noise detection section 41, 61 for detecting the noise superimposed on a voltage or current and a determination section 42, 62 for determining whether discharge has occurred based on an output of the noise detection section 41, 61, the master unit 40 is electrically connected to a secondary side of a main breaker 81 and primary sides of a
10 plurality of branch breakers 82, the main breaker 81 and the branch breakers 82 configuring a distribution board 8, the slave unit 60 is electrically connected to an electrical outlet 91 installed in the building, if determining that discharge has occurred, the master unit 40 outputs a first signal and the first signal is input to at least one of the main breaker 81 and the branch breakers 82, and if determining that discharge has occurred, the slave unit 60 outputs a second signal and the second signal is input to at
15 least one of the master unit 40, the main breaker 81, and the branch breakers 82.