

ELECTROMAGNETIC WAVE DETECTION DEVICE

ABSTRACT

An electromagnetic wave detection device is an electromagnetic wave detection device to detect an electromagnetic wave from an electromagnetic wave generation source (100) in a second space B partitioned by a partition plate (200) to attenuate propagation of the electromagnetic wave from a first space A in which the electromagnetic wave generation source (100) is disposed, the electromagnetic wave detection device including an electromagnetic wave observation unit (10) including: a metal wire having a penetrating portion (11) to penetrate a through hole (200A) formed in the partition plate (200) while being separated from a peripheral wall of the through hole; a protruding portion (12) to protrude from the penetrating portion (11) to the first space A and receive the electromagnetic wave from the electromagnetic wave generation source (100); and an extending portion (13) extending from the penetrating portion (11) to the second space B, in which one end portion located on the second space B side is connected to a ground point (300) located on the second space B side.

Figure 1