is mounted on a mount portion of equipment, which is formed along a mount axis of the equipment, and includes a body part disposed along an outer edge of the mount portion, having a first opening at one end and a second opening at the other end, a mount bolt which is inserted into the first opening and the second opening of the body part along a direction perpendicular to the mount axis in a mount state where the body part is disposed along the outer edge of the mount portion, and a mount nut screwed to the mount bolt so as to secure the mount bolt to the body part. The mount nut is directly retained with the body part so as to be rotatable around a bolt axis of the mount bolt.

[0008]

The mount nut may be retained integrally with the body part. Accordingly, this makes it possible to prevent loss of only the mount nut resulting from dropping during the mount work.

[0009]

In the sensor fixation device according to the present invention, the mount nut is rotatable in a direction intersecting an insertion direction of the mount bolt.

[0010]

The mount nut may be disposed perpendicularly to the mount bolt irrespective of the angle at which the body part is disposed. This makes it possible to easily screw the mount bolt to the mount nut.

[0011]

According to a second aspect of the present invention, there is provided a sensor fixation device mounted on a mount portion of equipment, which is formed along a

mount axis of the equipment, comprising: a body part disposed along an outer edge of the mount portion, having a first opening at one end and a second opening at the other end; a mount bolt which is inserted into the first opening and the second opening of the body part along a direction perpendicular to the mount axis in a mount state where the body part is disposed along the outer edge of the mount portion; and a mount nut screwed to the mount bolt so as to secure the mount bolt to the body part, wherein: the body part includes a first side wall and a second side wall which face with each other at the other end in the mount state, while being perpendicular to the mount axis. The first side wall includes a predetermined first side wall

Claims

Claim 1

A sensor fixation device mounted on a mount portion of equipment, which is formed along a mount axis of the equipment, comprising:

a body part disposed along an outer edge of the mount portion, having a first opening at one end and a second opening at the other end;

a mount bolt which is inserted into the first opening and the second opening of the body part along a direction perpendicular to the mount axis in a mount state where the body part is disposed along the outer edge of the mount portion; and

a mount nut screwed to the mount bolt so as to secure the mount bolt to the body part, wherein the mount nut is directly retained with the body part so as to be rotatable around a bolt axis of the mount bolt.

Claim 2

The sensor fixation device according to claim 1, wherein the mount nut is rotatable in a direction intersecting an insertion direction of the mount bolt.

Claim 3

A sensor fixation device mounted on a mount portion of equipment, which is formed along a mount axis of the equipment, comprising:

a body part disposed along an outer edge of the mount portion,

having a first opening at one end and a second opening at the other end;

a mount bolt which is inserted into the first opening and the second opening of the body part along a direction perpendicular to the mount axis in a mount state where the body part is disposed along the outer edge of the mount portion; and

a mount nut screwed to the mount bolt so as to secure the mount bolt to the body part, wherein:

the body part includes a first side wall and a second side wall which face with each other at the other end in the mount state, while being perpendicular to the mount axis;

the first side wall includes a predetermined first side wall opening;

the second side wall includes a predetermined second side wall opening; and