other, sparks may be caused between these by static electricity or the like. In this situation, installation of a grounding device for a floating roof tank on the floating roof tank is considered to enable prevention of generation of sparks, by electrically connecting the floating roof and the side wall of the tank.

[0005]

However, such a grounding device for a floating roof tank is to be installed on a floating roof tank installed outdoors, and accordingly tends to be exposed to rain water and foreign matters and thus deteriorate with corrosion and the like.

In this situation, ~~an object~~embodiments of the present invention ~~is~~ seek to provide a grounding device, for a floating roof tank, that can be used for a long time, being protected from deterioration with corrosion and the like.

[0006]

~~In order to attain the above-described object, in~~According to an ~~embodiment~~ aspect of the present invention, a grounding device for a floating roof tank includes an elongated conductor; a housing; a drum that is covered by a housing and supported rotatably along a circumferential direction in the housing, ~~a~~ the conductor being wound around the drum; ~~and~~ an urging member provided inside the inner circumferential portion of the drum to urge the drum along a direction in which the conductor is wound back; and an entrance-exit portion formed, at the housing, for the conductor to enter and exit the housing, wherein the grounding device for a floating roof tank electrically connects a container main body and a floating roof of a floating roof tank through the conductor.

[0007]

According to embodiments of the present invention, it is possible to provide a grounding device, for a floating roof tank, that can be used for a long time, being protected from deterioration with corrosion and the like.

Objects, arrangements, and advantages other than the above will be made clear by the below-described embodiments.

BRIEF DESCRIPTION OF THE DRAWINGS

[0008]