【CLAIMS】

【Claim 1】

A magnetic track shoe which, when installed, comprises:

a track shoe body of continuous tracks attached to a surface of a ship;

a magnet member provided in the track shoe body and attaching the track shoe body to the surface of the ship; and

a frictional unit provided in the track shoe body and preventing the track shoe body from damaging the surface of the ship,

wherein the track shoe body comprises a body inclined portion, and the frictional unit comprises a friction inclined portion corresponding to the body inclined portion to prevent the frictional unit from being damaged by a protrusion provided in the surface of the ship.

【Claim 2】

The magnetic track shoe of claim 1, wherein

the body inclined portion is provided in at least one of a left bottom portion and a right bottom portion of the track shoe body with respect to a traveling direction of the continuous tracks, and

the friction inclined portion is provided in at least one of a left bottom portion and a right bottom portion of the frictional unit with respect to the traveling direction of the continuous tracks.

【Claim 3】

The magnetic track shoe of claim 1, wherein

the track shoe body comprises:

a front wall provided to face a same direction as the traveling direction of the continuous tracks;

a rear wall provided at an opposite position to the front wall and disposed to be spaced apart from the front wall;

a pair of lateral walls connecting the front wall and the rear wall; and

a base body blocking a bottom of an accommodating portion formed by the front wall, the rear wall, and the pair of lateral walls, and

the body inclined portion is provided in at least one lateral wall of the pair of lateral walls.

【Claim 4】

The magnetic track shoe of claim 1, wherein

the frictional unit comprises:

a frictional body of which an upper surface is in contact with a bottom surface of the track shoe body; and

the friction inclined portion provided at an end portion of the frictional body.

【Claim 5】

The magnetic track shoe of claim 4, wherein

the frictional unit further comprises a draining groove provided on a bottom portion of the frictional body.

【Claim 6】

The magnetic track shoe of claim 3, wherein

the track shoe body further comprises a covering unit coupled to the base body to cover the accommodating portion.

【Claim 7】

The magnetic track shoe of claim 6, wherein

the track shoe body further comprises a plurality of groove portions provided on a bottom surface of the bottom portion, and

the frictional unit is provided by coating an anti-slip agent or attaching an anti-slip tape to the bottom portion and the body inclined portion.

【Claim 8】

The magnetic track shoe of claim 1, wherein

the magnet member is molded, coated or plated to prevent corrosion.

【Claim 9】

The magnetic track shoe of claim 1, further comprising a holding block coupled to the track shoe body and coupling the track shoe body to a belt.

【Claim 10】

The magnetic track shoe of claim 9, wherein

the holding blocks form a pair and are coupled to the belt while facing each other, and

the holding block comprises:

a block body pressing the belt in a direction of facing the track shoe body;

a first stepped portion provided in the block body and supporting a lateral side of the belt; and

a second stepped portion extended from the first stepped portion and supporting a lateral side of the track shoe body.

【Claim 11】

The magnetic track shoe of claim 10, wherein

the belt comprises a plurality of uneven members, and

the block body comprises an uneven groove in which the uneven member is inserted.

【Claim 12】

The magnetic track shoe of claim 1, further comprises a magnet guide provided

between the base body and the covering unit of the track shoe body and accommodating an upper portion of the magnet member.

【Claim 13】

The magnetic track shoe of claim 12, wherein

the base body and the frictional unit are detachably coupled to the magnet guide.

【Claim 14】

The magnetic track shoe of claim 1 or 12, wherein

the magnet member comprises a plurality of magnet members, and

the magnet members disposed adjacent to each other are different in polarity.

【Claim 15】

The magnetic track shoe of claim 1, further comprising a track guide coupled to the continuous tracks and recessed in a middle portion thereof.