Claims

1. A damping device locking apparatus ~~for a damping device of a moonpool~~, which automatically locks and unlocks one or more damping devices opening and closing ~~the~~ a moonpool in an opened state, the damping device pivotably installed on a sidewall of the moonpool, the locking apparatus comprising:

~~the damping device pivotably installed on a sidewall of the moonpool;~~

one or more first locking members installed in ~~a~~the sidewall of the moonpool;

one or more second locking members installed in a side of the damping device; and

a holding unit separably holding the first locking members and the second locking members when the damping devices are in the opened state,

wherein,

the first locking member is installed in ~~a~~the sidewall of the moonpool adjacent to an end of the damping device when the damping device is in the opened state,

the second locking member is installed at the end of the damping device, and

the first locking member and the second locking member are disposed not to be interfered with each other when the damping device is in the opened state.

2. The locking apparatus according to claim 1, wherein the first locking member has one or more first locking holes, and the second locking member has one or more second locking holes.

~~3. The locking apparatus according to claim 2, wherein,~~

~~the first locking member is installed in a sidewall of the moonpool adjacent to an end of the damping device when the damping device is in the opened state,~~

~~the second locking member is installed at the end of the damping device, and~~

~~the first locking member and the second locking member are disposed not to be~~

~~interfered with each other when the damping device is in the opened state.~~

43. The locking apparatus according to claim ~~3~~2, wherein the holding unit comprises:

a driving cylinder disposed on the first locking member; and

a holding shaft installed to be vertically movable by the driving cylinder, such that the holding shaft moves vertically and is inserted into or released from the first and second locking holes when the first locking hole of the first locking member and the

second holding hole of the second holding member are matched with each other, whereby the holding unit separably holds the first locking member and the second locking member.

~~5~~4. The locking apparatus according to claim 4~~3~~, further comprising one or more guide members above the first locking member, wherein the guide members have guide holes.

~~6~~5. The locking apparatus according to claim 4~~3~~, further comprising a pair of regulation plates on left and right sides of the holding shaft.

~~7. A locking apparatus for a damping device of a moonpool, which automatically locks and unlocks one or more damping devices opening and closing the moonpool, characterized in that, when the damping device is in an opened state, the damping device is automatically unlockably held at a storage position of the moonpool.~~