

CLAIMS

1. A port comprising:
 - a sealing plug through which a hollow needle can be pierced;
 - 5 a port body having a hollow structure with the sealing plug disposed therein; and
 - a pulling-out preventing member to be attached to the port body;
 - the port body comprising:
 - a part to be sealed that has a tubular shape with a first end and
 - 10 a second end opposite to the first end in a center axis direction thereof, and is configured so that the sealing plug is sealingly inserted into the part to be sealed;
 - a connection part that has a tubular shape, is continuous with the first end of the part to be sealed, and has an outer periphery
 - 15 connected to the bag body to be filled with a medical liquid; and
 - a part to be fitted that is formed in any one of an inner peripheral surface of the part to be sealed, an outer peripheral surface of the part to be sealed, and the second end of the part to be sealed;
 - the pulling-out preventing member comprising:
 - 20 a body part that has a first surface directed toward the first end of the part to be sealed within the part to be sealed;
 - a restriction part that is formed on the first surface of the body part and restricts movement of the sealing plug toward the second end of the part to be sealed; and
 - 25 a fitting part that comes into fitting engagement with the part to be fitted of the port body,
 - wherein the sealing plug has a first surface located on the pulling-out preventing member side and a second surface located opposite to the first surface, and has an extension that extends toward a
 - 30 side opposite to the pulling-out preventing member side from the center portion of the second surface of the sealing plug,

wherein an outer peripheral surface of the extension bulges outward over the entire periphery in a circumferential direction, and

wherein the part to be fitted and the fitting part engage with each other so as to be able to transmit a force which is directed in the center axis direction of the part to be sealed, in the state where the part to be fitted and the fitting part are held in fitting engagement with each other.

2. A port comprising:

a sealing plug through which a hollow needle can be pierced;
a port body having a hollow structure with the sealing plug disposed therein; and

a pulling-out preventing member to be attached to the port body;
the port body comprising:

a part to be sealed that has a tubular shape with a first end and a second end opposite to the first end in a center axis direction thereof, and is configured so that the sealing plug is sealingly inserted into the part to be sealed;

a connection part that has a tubular shape, is continuous with the first end of the part to be sealed, and has an outer periphery connected to the bag body to be filled with a medical liquid; and

a part to be fitted that is formed in any one of an inner peripheral surface of the part to be sealed, an outer peripheral surface of the part to be sealed, and the second end of the part to be sealed;

the pulling-out preventing member comprising:

a body part that has a first surface directed toward the first end of the part to be sealed within the part to be sealed;

a restriction part that is formed on the first surface of the body part and restricts movement of the sealing plug toward the second end of the part to be sealed; and

a fitting part that comes into fitting engagement with the part

to be fitted of the port body,

wherein the sealing plug has a first surface located on the pulling-out preventing member side and a second surface located opposite to the first surface, and has an extension that extends toward a side opposite to the pulling-out preventing member side from the center portion of the second surface of the sealing plug,

wherein an outer peripheral surface of the extension bulges outward over the entire periphery in a circumferential direction,

wherein the part to be fitted has an engaging surface that is directed toward the one end side of the part to be sealed, and

wherein the fitting part has an engaging surface that is directed toward the second end side of the part to be sealed and faces the engaging surface of the part to be fitted.

3. The port according to claim 1 or 2, wherein the part to be fitted is any one of a recess part and a projection part, and the fitting part is a remaining one of the recess part and the projection part.

4. The port according to any one of claims 1 to 3, wherein the fitting part of the pulling-out preventing member comes into contact with a portion of the part to be fitted of the port body over the entire periphery in the circumferential direction of the fitting part or through plural places of the periphery in the circumferential direction of the fitting part.

5. The port according to any one of claims 1 to 3 4, wherein the sealing plug has a groove formed on a surface opposite to the pulling-out preventing member, and the restriction part of the pulling-out preventing member projects into the groove from the first surface of the body part.

6. A medical liquid bag comprising:
a bag body, the inside of which is filled with a medical liquid; and
the port according to any one of claims 1 to 5,
wherein the port includes a connection part that is connected to the bag
5 body.