CLAIMS

[Claim 1]

A cooling box comprising:

a heat insulation casing having an opening on a front surface;

a pair of swinging doors for opening and closing the opening;

a partition that is rotatably mounted on a free end of a cooling box inner side of one of the doors via a hinge member and is configured to seal a gap between the doors; and

a heater that prevents dew condensation on the partition, wherein

the partition includes:

a front side member that is provided with the heater disposed on a side of the front side member facing the gap;

a back side member that engages the front side member in a manner slidable in a longitudinal direction, the back side member and the front side member collectively forming a body; and

a heat insulating material disposed in the body.

[Claim 2]

The cooling box of claim 1, wherein one of the front side member and the back side member includes a claw disposed in a portion in the longitudinal direction, and the other of the front side member and the back side member includes a groove that engages the claw in a manner slidable in the longitudinal direction.

[Claim 3]

The cooling box of claim 1 or 2, wherein one of the front side member and the back side member includes a hinge member holding section on an end in the longitudinal direction to hold the hinge member, and the other of the front side member and the back side member is formed by extrusion molding.

[Claim 4]

The cooling box of any one of claims 1 to 3, wherein one of or both the front side member and the back side member are divided into a plurality of portions in the longitudinal direction.

[Claim 5]

The cooling box of any one of claims 1 to 4, wherein one of the front side member and the back side member is divided into an intermediate member, and an end member that is disposed on an end of the intermediate member in the longitudinal direction and includes a hinge member holding section that holds the hinge member, and the intermediate member and the other of the front side member and the back side member are formed by extrusion molding.

[Claim 6]

The cooling box of any one of claims 1 to 5, wherein the partition further includes a metal plate member disposed on the outer side of the cooling box of the surface of the partition.

[Claim 7]

The cooling box of claim 6, wherein the metal plate member is a metal member elongated in one direction having a U-shaped cross section with one side open.

[Claim 8]

The cooling box of claim 6 or 7, wherein the front side member is a resin member elongated in one direction having substantially H-shaped cross section with recesses formed on both sides.

[Claim 9]

The cooling box of claim 8, wherein the metal plate member and the heater are disposed in the recess on the outer side of the cooling box of the front side member.