lid body that is rotationally provided in the upper frame body and openably covers the laundry loading port, wherein a lid hinge shaft is provided behind the lid body, a hinge part that supports rotation of the lid body is formed in a rear part of the upper frame body, a bearing that receives the lid hinge shaft is provided in the hinge part, a sheet metal is fixed by a screw behind the lid body, the sheet metal includes a bent portion bent substantially vertically by a bending process, a through hole is formed in the bent portion, a spring shaft that axially supports a spring hinge energizing the lid body in an opening direction is inserted into the through hole, and the screw fix the sheet metal at both axial ends of the spring shaft, wherein a screw head of the screw suppresses axial movement of the spring shaft.

With this configuration, the spring shaft can be kept from falling off the spring hinge by a simple configuration, and assembly of the lid body and the upper frame body can be facilitated.

BRIEF DESCRIPTION OF DRAWINGS

FIG. 1 is an external view of a washing machine of a first exemplary embodiment of the present invention when a lid body is closed.

FIG. 2 is an external view of the washing machine of the first exemplary embodiment of the present invention when the lid body is open.

FIG. 3 is a side view of the washing machine of the first exemplary embodiment of the present invention showing open and closed states of the lid body.

FIG. 4 is an exploded perspective view showing a structure of the lid body of the washing machine of the first exemplary embodiment of the present invention.

FIG. 5 is an exploded perspective view showing structures of the lid

CLAIMS

1. A washing machine comprising:

a casing;

an upper frame body that is attached to an upper part of the casing and has, in a substantially center part of the casing, a laundry loading port for loading and unloading laundry; and

a lid body that is rotationally provided in the upper frame body and openably covers the laundry loading port, wherein

a lid hinge shaft is provided behind the lid body,

a hinge part that supports rotation of the lid body is formed in a rear part of the upper frame body,

a bearing that receives the lid hinge shaft is provided in the hinge part,

a sheet metal is fixed by a screw behind the lid body,

the sheet metal includes a bent portion bent substantially vertically by a bending process,

a through hole is formed in the bent portion,

a spring shaft that axially supports a spring hinge energizing the lid body in an opening direction is inserted into the through hole, and

the screw fix the sheet metal at both axial ends of the spring shaft, wherein a screw head of the screw suppresses axial movement of the spring shaft.