Patent Literature

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SUMMARY OF THE INVENTION

A washing machine according to an aspect of the present disclosure comprising~~includes~~: a main body; an outer tub disposed inside the main body; an inner tub rotatably disposed in the outer tub and having an opening; an exterior cover disposed above the inner tub; a clothing loading opening provided to the exterior cover and through which clothing is loaded; an outer lid for opening and closing the clothing loading opening; and a ventilation opening provided in a side surface of the outer lid; wherein the inner tub is ventilated through the ventilation opening; and wherein the clothing loading opening further comprises an air exhaust guiding wall configured to direct air flowing along a rotational direction of the inner tub to flow out of the ventilation opening, and an air intake guiding wall configured to direct air flowing in from the ventilation opening to flow along the rotational direction of the inner tub.

The clothing loading opening may cover a part of the opening.

With this, the inner tub is efficiently ventilated and the drying of the clothing can be accelerated.

Moreover, providing the ventilation opening in the side surface of the outer lid can prevent water, dust, etc. from entering the inner tub.

Moreover, the design restriction for the top surface of the outer lid is cleared, so that a good washing machine in terms of quality in an outer view can be implemented.

BRIEF DESCRIPTION OF DRAWINGS

FIG. 1 is a side cross-sectional view of a washing machine according to a first exemplary embodiment of the present invention.

FIG. 2A is a perspective view of the washing machine according to the first exemplary embodiment.

CLAIMS

1. A washing machine comprising:

a main body;

an outer tub disposed inside the main body;

an inner tub rotatably disposed in the outer tub and having an opening;

an exterior cover disposed above the inner tub;

a clothing loading opening provided to the exterior cover and through which clothing is loaded;

an outer lid for opening and closing the clothing loading opening;

and

a ventilation opening provided in a side surface of the outer lid~~,~~;

wherein the inner tub is ventilated through the ventilation opening; and

wherein the clothing loading opening further comprises an air exhaust guiding wall configured to direct air flowing along a rotational direction of the inner tub to flow out of the ventilation opening, and an air intake guiding wall configured to direct air flowing in from the ventilation opening to flow along the rotational direction of the inner tub.

2. The washing machine according to claim 1,

wherein the ventilation opening ventilates the inner tub with rotation of the inner tub.

3. The washing machine according to claim 1 or claim 2,

wherein the ventilation opening comprises ventilation openings provided in opposite side surfaces of the outer lid.

4. The washing machine according to any one of claims 1 to 3,

wherein the ventilation opening includes a plurality of partition walls extending toward the side surface of the outer lid, the plurality of partition walls inclining toward a back of the main body.