member.

However, the above washing machine is equipped with the mesh member on the side wall surface of the tank containing case. Thus, it is hard to attach the mesh member again which has been detached from the tank containing case for cleaning purposes.

Citation List

Patent Literature

PTL 1: Japanese translation of PCT International Application Publication No. 2005-514133

SUMMARY OF THE DISCLOSURE

The present disclosure provides a washing machine that facilitates detaching a mesh member serving as a filter from a tank containing case, while achieving miniaturization of an automatic liquid-agent feeding device.

The washing machine of the present disclosure includes: a housing; a water tub supported inside the housing; a washing tub rotatably provided inside the water tub; a tank including an upper face opening for feeding a liquid agent provided at an upper part of the tank, and a discharge port configured to discharge the liquid agent provided at a lower part of the tank; and an automatic liquid-agent feeding device configured to supply the liquid agent stored in the tank into the washing tub. The tank includes a mesh member having a net shape between the upper face opening and the discharge port. The mesh member is disposed between a wall surface above the discharge port of the tank and an inner bottom surface of the tank in an inclined manner so that the liquid agent passes through the mesh member.

With this configuration, the mesh member is disposed between the upper face opening and the discharge port of the tank. With this configuration, the washing machine that facilitates detaching of the mesh member can be provided.

CLAIMS

1. A washing machine comprising:

a housing;

a water tub supported inside the housing;

a washing tub rotatably provided inside the water tub;

a tank including an upper face opening for feeding a liquid agent provided at an upper part of the tank, and a discharge port configured to discharge the liquid agent provided at a lower part of the tank; and

an automatic liquid-agent feeding device configured to supply the liquid agent stored in the tank into the washing tub,

wherein the tank includes a mesh member having a net shape between the upper face opening and the discharge port

wherein the mesh member is disposed between a wall surface above the discharge port of the tank and an inner bottom surface of the tank in an inclined manner so that the liquid agent passes through the mesh member.

2. The washing machine according to claim 1,

wherein the mesh member is detachably disposed inside the tank.

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

wherein the tank includes a first claw provided on an inner bottom of the tank, and a second claw provided on a rear wall of the tank, and

wherein the mesh member includes a first engagement configured to engage with the first claw, and a second engagement configured to engage with the second claw.

4. The washing machine according to claim 3,

wherein the second claw protrudes inwardly of the tank, and

wherein the second engagement includes an engagement rib extending from a back surface of the mesh member, and a protrusion provided at a tip end

of the engagement rib.