DESCRIPTION

DRUM WASHING MACHINE

TECHNICAL FIELD

The present disclosure relates to a drum washing machine including a baffle that agitates laundry contained in a drum.

BACKGROUND ART

A conventional drum washing machine includes a drum that is rotatably supported in a horizontal direction and contains laundry, and a receiving cylinder that surrounds an outside of the drum. The drum is rotated with a predetermined amount of water stored in the receiving cylinder. Beating washing is repeatedly performed in which the laundry in the drum is lifted by a substantially mountain-shaped baffle provided on an inner peripheral surface of the drum, and is naturally dropped from a certain height toward a water surface. For example, it has been proposed to form, at a top of the baffle, a recessed surface that is recessed toward a side of the inner peripheral surface of the drum, to improve a washing performance by improvement of a washing machine power (see, for example, PTL 1).

Citation List

Patent Literature

PTL 1: Unexamined Japanese Patent Publication No. 2009-22688

SUMMARY

However, in the above-described conventional configuration, in addition to the beating washing, which is an original washing method of the

drum washing machine, scrubbing washing by rubbing with an uneven surface is also performed. As a result, the washing machine power is improved and the washing performance is improved, but there is a problem that clothes are easily damaged especially in a case of delicate clothes such as wool. The present disclosure is to provide a drum washing machine that improves a washing performance while damage to laundry is suppressed, by improvement of a shape of a baffle for agitating the laundry.

In an embodiment, a drum washing machine according to the present disclosure includes a main body, a receiving cylinder that is provided in the main body, a drum that is rotatably supported inside the receiving cylinder and contains laundry, a baffle that is provided on an inner peripheral surface of the drum and agitates the laundry, and a controller. The baffle is formed to have a trapezoidal cross section, and includes a first side surface portion where a plurality of water passage holes communicating with an inner space of the baffle is provided.

As a result, it is possible to perform washing by a washing method suitable for the laundry according to a type of the laundry.

The drum washing machine of the present disclosure can improve the washing performance while suppressing the damage to the laundry by improvement of the washing machine power.

BRIEF DESCRIPTION OF DRAWINGS

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

FIG. 2 is a block circuit diagram of the drum washing machine.

FIG. 3 is a perspective view illustrating a left side surface of a baffle of the drum washing machine.