[0007]

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Summary of Invention

[0008]

~~An object~~Embodiments of the present invention ~~is to~~ provide a washing machine configured to achieve very efficient water usage.

[0009]

~~The washing machine according~~According to one aspect of the present invention, there is provided a washing machine ~~having has~~ a drying function. The washing machine includes a washing tub configured to wash laundry, a heat exchanger, which exchanges heat with air passing through the washing tub to generate dry air for drying the laundry, a sprinkling mechanism including a sprinkler, which sprinkles water onto the heat exchanger to clean the heat exchanger, and a water return path configured to return to the washing tub the water, which is sprinkled from the sprinkler.

[0010]

The washing machine according to embodiments of the present invention may achieve very efficient water usage.

[0011]

~~The object~~Embodiments, features and advantages of the present invention will become more apparent with the ensuing detailed explanation and appended drawings.

Brief Description of Drawings

[0012]

Fig. 1 is a schematic perspective view of a washing machine according to the first embodiment.

Fig. 2 is a schematic block diagram of the washing machine shown in Fig. 1.

Fig. 3 is a schematic cross-sectional view of the washing machine shown in Fig. 1.

Fig. 4 is a schematic view of a heat pump device of the washing machine shown in Fig. 3.

Fig. 5 is a schematic block diagram of a watering mechanism of the washing machine shown in Fig. 2.

Fig. 6 is a schematic perspective view of a heat exchanging portion of the washing machine shown in Fig. 3.