[0005]

In the conventional washing system, a washing cycle is selected from among only the plurality of washing cycles stored in the washing machine in advance, and the washing machine is operated accordingly. The present disclosure provides a washing system configured to be able to register a customized cycle not stored in a washing machine in advance, minimize data traffic between a terminal and the washing machine, and reduce the amount of data that is to be stored in the washing machine in advance at the time of manufacture.

[0006]

A washing system according to the present disclosure includes: a washing machine; and a terminal communicable with the washing machine. The washing machine transmits, to the terminal, information about a status of execution of a washing operation of the washing machine, and the terminal displays, based on the information about the status of execution of the washing operation, a washing operation indication that varies depending on whether a cycle preinstalled on the washing machine is to be executed or a customized cycle is to be executed. According to an aspect, there is provided a washing machine communicable with a terminal,

the washing machine comprising:

a display unit that displays an operation status of a washing operation of the washing machine, wherein

the display unit performs the displaying that varies depending on whether a cycle preinstalled on the washing machine is to be executed or a customized cycle created by user input to the terminal is to be executed. According to an aspect, there is provided a washing system, comprising:

a washing machine;

a server communicable with the washing machine; and

a terminal communicable with the server or the washing machine, wherein

the terminal is capable of creating a customized cycle of a washing operation of the washing machine by user input,

the customized cycle is indicated by setting information including: a parameter setting created by combining control contents of a whole washing sequence; and information about a cycle name which is a name of the customized cycle,

the terminal transmits the setting information to the server,

when the server receives a request from the terminal to cause the washing machine to start a washing operation, the server transmits a control content of the washing operation based on the parameter setting to the washing machine without transmitting the cycle name to the washing machine, and

the washing machine starts the washing operation based on the parameter setting. According to an aspect, there is provided a washing system, comprising:

a washing machine;

a server communicable with the washing machine; and

a terminal communicable with the server or the washing machine, wherein

the terminal displays, in a selectable format, a cycle preinstalled on the washing machine or a customized cycle stored in the server,

the server transmits, to the washing machine, control information about one of the cycle preinstalled and customized cycle which is selected by input to the terminal, and the washing machine executes an operation based on the control information, and

the washing machine displays a cycle name in executing the cycle preinstalled, and displays, in executing the customized cycle, that the customized cycle is to be executed. According to an aspect, there is provided a washing system, comprising:

a washing machine;

a server communicable with the washing machine; and

a terminal communicable with the server or the washing machine, wherein

the server or the terminal includes a storage unit capable of storing a plurality of customized cycles created by user input to the terminal,

the washing machine includes a washing machine storage unit capable of storing the customized cycle received from the server, and

in a main unit registration step in which the customized cycle is stored into the washing machine storage unit,

the terminal transmits the customized cycle and an identifier corresponding to the customized cycle to the washing machine via the server, and

the washing machine storage unit stores a correspondence relationship between the customized cycle and the identifier, and the washing machine displays the identifier on a cycle selection screen. According to an aspect, there is a program for a washing machine application installed on a terminal, the program causing the terminal to execute:

displaying, in a selectable format, an operation cycle including a cycle preinstalled on a washing machine and a customized cycle not installed on the washing machine;

transmitting, to the washing machine, information about the cycle preinstalled and the customized cycle which is selected; and

receiving information about a status of execution of the operation cycle that is being executed by the washing machine, and displaying an indication that varies depending on whether the washing machine is executing a cycle installed on the washing machine or the washing machine is executing the customized cycle

[0007]

The washing system according to the present disclosure is capable of registering a customized cycle, minimizing data traffic between the terminal and the washing machine, and reducing the amount of data to be stored in the washing machine in advance at the time of manufacture.

BRIEF DESCRIPTION OF THE DRAWINGS

[0008]