

【ABSTRACT】

Provided are a washing machine in which an auxiliary door can be safely and conveniently used, and a method of controlling the same. The auxiliary door through which laundry can be additionally put into the washing machine, is provided, 5 and the auxiliary door can be safely locked/unlocked. Because an open/closed state of the auxiliary door can be indirectly determined through a locking/unlocking operation of the auxiliary door, even when a door opening/closing detecting device has broken down, the auxiliary door can be safely used. In addition, the auxiliary door is unlocked by default and conditions on which the auxiliary door is locked for 10 safety if necessary, are minimized during an operation of the washing machine so that use convenience of the auxiliary door can be enhanced, and a locked state of the auxiliary door is maintained according to the amount of laundry so that the laundry can be safely put into the washing machine. Furthermore, when the auxiliary door is opened during an operation of the washing machine, the weight of the laundry can 15 be detected again and a washing performance of the added laundry can be guaranteed through additional supply of water and time increase so that a user's reliance on a product can be enhanced.

Figure 10