



Abstract

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WASHING MACHINE



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A washing machine 1 includes a water tub 3 disposed in a housing 2 and a washing and water-extracting tub 5 for accommodating laundry therein, the washing and water-extracting tub 5 being installed in the water tub 3 to be driven to rotate and the washing machine 1 performing washing, rinsing and water-extracting processes by controlling supply and drain of water in the water tub 3 and by controlling rotation of the washing and water-extracting tub 5. The washing machine 1 further includes a door 8 for opening and closing an opening installed at a front portion of the housing 2 to load and unload the laundry into or from the washing and water-extracting tub 5; a door opening button 56 for opening the door 8; a locking member 113 for locking the door in a closed state; a first bias member 112 for biasing the locking member in a locking direction; a door opening and closing control member 93 movable by a pressure applied on the door opening button 56; a second bias member 69 for coupling the door opening and closing control member 93 and the locking member, the second bias member 69 having a displacement resistance greater than a biasing force of the first bias member 112; a locking mechanism 115, 116, 117 for locking a movement of the locking member; and a lock-release status detector 118 for electrically detecting a released state wherein the locking member 113 is in a lock releasing position.

SUITABLE DRAWING: FIG. 3