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ABSTRACT



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WASHING MACHINE

5 A washing machine includes rotary drum 1 for
accommodating therein laundry, rotary drum 1 having a
horizontal or slanted rotational axis; water tub 3 supported
in a vibratable manner in washing machine main body 9,
rotary drum 1 being installed in water tub 3 in a rotatable
10 manner; motor 5 for driving rotary drum 1; input setting
unit 21 for setting an operation of the washing machine;
control unit 19 for controlling motor 5 and the operation of
the washing machine set by input setting unit 21, control
unit 19 including microcomputer 40; and displacement
15 detection unit 36 for detecting a displacement of water tub
3. The displacement detection unit includes excitation coil
22c, at least two detection coils having an axis coaxially
aligned with excitation coil 22c and core 22d which can move
along the axis.

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SUITABLE DRAWING: FIG. 1