

Title (en)
WASHING MACHINE

Title (de)
WASCHMASCHINE

Title (fr)
MACHINE À LAVER

Publication
EP 3971337 B1 20240417 (EN)

Application
EP 20809562 A 20200512

Priority
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Abstract (en)
[origin: EP3971337A1] A washing machine, an inner drum (1) of the washing machine is a closed container during washing after an opening (101) is fastened by a lid (4). The inner drum (1) is provided with at least a hole (6), and the inner drum (1) is provided with a water guide channel (10) where water drained from the hole (6) is led to a water collection disk (7). The water guide channel (10) is provided with a centrifugal valve (9) for controlling on and off of the channel (10). The centrifugal valve (9) is provided in the water guide channel (10) to control the centrifugal valve (9) to open the water guide channel (10) after the rotational speed of the inner drum (1) reaches a set value so as to achieve the purpose of draining the washing machine. When the washing machine normally executes washing and rinsing procedures, due to the low rotational speed of the inner drum and the small centrifugal force on the centrifugal valve (9), the centrifugal valve (9) is enabled to accordingly close the water guide channel (10), and the inner drum (1) is enabled to contain water and normally execute washing and rinsing procedures, so that the clothes are only in contact with the washing water in the sealing inner drum (1) during washing, which prevents the washing water between inner and outer drums from flowing into the inner drum (1) and contaminating the clothes, and significantly improves the cleanliness of washing of the washing machine.

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