

Title (en)

WASHING MACHINE WITHOUT WATER BETWEEN BARRELS, AND CONTROL METHOD

Title (de)

WASCHMASCHINE OHNE WASSER ZWISCHEN DEN BOTTICHEN UND STEUERUNGSVERFAHREN

Title (fr)

MACHINE À LAVER SANS EAU ENTRE DES CYLINDRES, ET PROCÉDÉ DE COMMANDE

Publication

EP 3375928 A1 20180919 (EN)

Application

EP 16863542 A 20161027

Priority

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Abstract (en)

A washing machine without water between barrels and control method are provided. The washing machine comprises an outer barrel (4), an inner barrel (1), an air chamber (7), and a pressure sensor (19) connected to the air chamber (7). A plurality of drainage holes (2) are arranged on the upper part near the edge of the inner barrel (1). At least one inner barrel drain outlet (3) is arranged at a bottom of the inner barrel (1). A telescopic drain valve capable of plugging the inner barrel drain outlet (3) is arranged at a bottom of the outer barrel (4). An outer barrel drain outlet (5) is arranged at the bottom of the outer barrel (4). A washing machine drainage pipeline (6) is arranged on the outer barrel drain outlet (5). The outer barrel (4) is provided with the air chamber (7) communicated with the inner barrel (1). An air chamber drain outlet (8) capable of discharging water in the air chamber (7) is arranged on the air chamber (7). The washing machine drains water thoroughly, there is no residue, and the drainage speed is fast. The water flow is prevented from staying between the inner barrel and outer barrel to prevent the dirt from staining on the inner wall of the outer barrel (4). The washing machine is accurate in water level detection and simple in structure, furthermore, there is no residual water in the air chamber (7). This avoids the error in the reuse of the water level detection and prevents the residual water from breeding bacteria in the air chamber (7). The outer barrel is communicated with the inner barrel (1) by telescopic drain valve (10) to avoid the blockage caused by the thread scraps.

IPC 8 full level

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