

Title (en)

A WASHING MACHINE WHEREIN THE UNBALANCED LOAD IS BALANCED

Title (de)

WASCHMASCHINE MIT AUSGEGLICHENER ASYMMETRISCHER LAST

Title (fr)

MACHINE À LAVER DANS LAQUELLE LE CHARGEMENT NON ÉQUILIBRÉ EST ÉQUILIBRÉ

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Application

EP 11733598 A 20110516

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- EP 2011057854 W 20110516

Abstract (en)

[origin: WO2011144558A1] The present invention relates to a washing machine (1) comprising a hub (5) which extends from the middle of the rear wall of the tub (3) into the drum (2) and wherein the shaft (4) is supported, at least one baffle (6) disposed at the inner surface of the drum (2), wherein water is transferred in case of an unbalanced load, a cylindrical housing (7) disposed at the center of the rear wall of the drum (2) around the horizontal axis, surrounding the hub (5) concentrically such that there remains a gap therebetween and rotating together with the drum (2), more than one ring-shaped gasket (8) arranged one after the other and in parallel to each other in the gap between the housing (7) and the hub (5), the outer edges of which are secured to the inner surface of the housing (7), rotating together with the housing (7) and the inner edges of which contact the cylindrical outer surface of the hub (5), more than one slot (9) disposed between the gaskets (8), at least one water inlet line (10) which provides water taken from the water mains to be delivered to the slot (9) for the balancing process of the unbalanced load, one end of which is connected to the water mains and the other end connected to the slot (9) and which is stationary together with the tub (3) and a control unit (15) which opens/closes the water inlet valves (11) by determining the amount and position of the unbalanced load when unbalanced load is detected and which determines how much water should be delivered into which baffle (6) and chamber (13, 113).

IPC 8 full level

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