

Title (en)
WATER-CONDUCTING DOMESTIC APPLIANCE HAVING A SIPHON

Title (de)
WASSERFÜHRENDES HAUSHALTSGERÄT MIT EINEM SIPHON

Title (fr)
APPAREIL MÉNAGER À CIRCULATION D'EAU POURVU D'UN SIPHON

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Abstract (en)
[origin: WO2013030266A1] The invention relates to a water-conducting domestic appliance (1), in particular a laundry treatment appliance for washing and/or drying laundry, comprising a treatment region (2) and a channel assembly (4), by means of which a liquid flow can be conducted into the treatment region (2), wherein at least part of the channel assembly (4) is designed as a siphon (15), wherein a control valve (13) and a controller (11) are provided and wherein the controller (11) controls at least the control valve (13) in order to control the liquid flow through the channel assembly (4), and wherein a draining means (22, 55) is provided, which is used to partially drain the siphon (15). In a blocking operating mode, the controller (11) controls the blocking valve (13) in such a way that the siphon (15) is partially filled by the liquid flow until the passage of gas through the siphon (15) is blocked; the draining means (22, 55) is used to at least substantially drain the siphon (15), and in a release operating mode, the controller (11) controls the control valve (13) and the draining means (22, 55) in such a way that the siphon (15) is drained of liquid until the siphon (15) is open for the passage of gas. Thereby, a gas-tight closure of the siphon (15) can be achieved. On the other hand, the siphon (15) can also be substantially drained. Thus, an emergency ventilation function or a gas-tight closure, for example to enable an ozone treatment, can alternatively be realized.

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