

Title (en)  
WASHING MACHINE PROVIDED WITH A RECIRCULATION CIRCUIT

Title (de)  
WASCHMASCHINE MIT EINEM RÜCKFÜHRUNGSZYKLUS

Title (fr)  
MACHINE À LAVER DOTÉE D'UN CIRCUIT DE RECIRCULATION

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Application  
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Abstract (en)  
The present invention relates to a washing machine (1) comprising: a washing tub (10) wherein a rotatably drum (20) is mounted, adapted to contain garments to be washed, a washing fluid comprising water and one or more detergent substances to be delivered into the tub (10) and the drum (20); an outlet conduit (40) connected, through its end portion (50), to the tub (10) for conveying the washing fluid outside of the tub (10); a recirculation circuit (60) comprising a first conduit (61), a recirculation pump (62) and a second conduit (63). The first conduit (61) connects the end portion (50) of the outlet conduit (40) to the recirculation pump (62); the second conduit (63) allows a connection between the recirculation pump (62) and the tub (10); the recirculation pump (62) is configured to draw the fluid from the tub (10) through the first conduit (61) and to feed the fluid back in the tub (10) through the second conduit (63). According to the invention, the tub (10) has an integral connection collar at a bottom portion thereof, which is applied to an outer surface of the tub (10) for connection to the second conduit (63). The connection collar is originally blind. The blind bottom of the connection collar is adapted to be opened by boring, for providing fluid communication between the second conduit (63) and the interior of the tub (10).

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Citation (applicant)  
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• DE 3437886 A1 19860605 - BOSCH SIEMENS HAUSGERAETE [DE]  
• US 2005132758 A1 20050623 - LEE TAE H [KR], et al

Citation (search report)  
• [IA] EP 2267211 A1 20101229 - MECCANICA GENERALE SRL [IT]  
• [A] DE 3437886 A1 19860605 - BOSCH SIEMENS HAUSGERAETE [DE]  
• [A] EP 2246469 A1 20101103 - V ZUG AG [CH]  
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