

Title (en)

Washing and spinning machine with a tub equipped for recycling the water

Title (de)

Wasch-und Schleudermaschine mit einem zum Zurückgewinnen von Wasser ausgerüstetem Laugenbehälter

Title (fr)

Machine à laver et essorer à concept de cuve recyclant l'eau

Publication

EP 1284317 B1 20151111 (FR)

Application

EP 02356157 A 20020807

Priority

FR 0110592 A 20010808

Abstract (en)

[origin: FR2828503A1] Uses washing water from a tank (1) is returned, by a bypass pump (43), as ballast material (12) in the ballast reservoir(s) (3) before ejection by the emptying pipe (45) directly connecting the reservoir (3) to a sanitary installation by the reservoirs overflow (42). The ballast reservoir (3) is fabricated with the tank from a single piece of material and are transported to a user without any ballast material. The ballast material may be inert water, concrete or aggregate. Washer/dryer machine having a tank (1) mounted inside a chassis (28) fitted with dampers (7). Includes one or more ballast reservoirs (3) and/or parts (3a). The ballast reservoirs contain a liquid (12) and/or a solidifying liquid such as wet concrete (5) or aggregates. The parts (3a) hold prefabricated solid ballast material (14) partially or completely against the exterior of the tank wall. The ballast reservoirs and parts (3a) are molded with the tank to form a monoblock assembly. The reservoirs containing water have filling and emptying means and a compression chamber (31) fitted with a pressurestat (33) for water level control. The reservoirs are fed in series from a water supply circuit (13), which can fill the tank (1) via an opening (42) and empty the tank by a overflow opening (42). A gravity opening (40) and an opening (43) allow a system (43) to send water from the tank (1) towards the reservoirs or empty used water from the tank into a sanitary installation. The tank can be directly fed from a supply (13) and/or from the ballast reservoirs (3). The reservoirs (3) feed the tank directly or indirectly through a product housing via the overflow (42) or by gravity (40).

IPC 8 full level

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CPC (source: EP US)

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Cited by

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