Title (en)
HEATABLE CISTERN FOR AN INTELLIGENT TOILET

Title (de)
HEIZBARER SPÜLKASTEN FÜR INTELLIGENTE TOILETTE

Title (fr)
RÉSERVOIR DE CHASSE D'EAU POUVANT ÊTRE CHAUFFÉ POUR TOILETTES INTELLIGENTES

Publication
EP 3722525 B1 20211006 (DE)

Application
EP 20163166 A 20200313

Priority
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Abstract (en)
[origin: CN109972704A] The invention discloses a heating water tank for an intelligent closestool. The heating water tank comprises a box body and a heater. A water inlet and a water outlet are formed in the box body. A partition plate is arranged in the box body and divides an inner cavity of the box body into an upper water cavity and a lower water cavity. The upper water cavity is communicated with the lower water cavity. The heater is arranged in the lower water cavity. An overflow hole is formed in the top wall of the upper water cavity. The height of the overflow hole is smaller than that of the water inlet. The inner cavity of the box body is divided into the upper water cavity and the lower water cavity by the partition plate. Due to the fact that the height of the overflow hole is lower than that of thewater inlet, the pressure is released after the pressure water of a water pipe is discharged into a water feeding cavity. The overflow hole guarantees that the water surface cannot exceed the water inlet. Meanwhile, the water in the water feeding cavity cannot flow back into the water pipe even if the water pipe leaks water or the negative pressure condition accidentally occurs. The water outlettemperature is stable.

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