

Title (en)

System and method of controlling a flush toilet

Title (de)

System und Verfahren zum Steuern einer Spültoilette

Title (fr)

Système et procédé de commande d'une toilette à chasse d'eau

Publication

**EP 2862981 B1 20160817 (EN)**

Application

**EP 14171642 A 20140609**

Priority

CN 201310488757 A 20131017

Abstract (en)

[origin: EP2862981A1] A system of controlling a flush toilet (20), which includes a first flushing channel (21) and a second flushing channel (22), and the system contains: a depressurizing valve (31) including an inlet (311) connecting with an inlet pipe fitting (314), a first outlet (312), and a second outlet (313); a first water-supply pipe fitting (32) employed to supply water from the first outlet (312) of the depressurizing valve (31) toward the first flushing channel (21) of the flush toilet (20); a second water-supply pipe fitting (33) applied to supply the water from the second outlet (313) of the depressurizing valve (31) toward the second flushing channel (22) of the flush toilet (20); a first solenoid valve (34) controlled to start and stop the first water-supply pipe fitting (32); a second solenoid valve (35) controlled to start and stop the second water-supply pipe fitting (33); a water pressure sensor (36) used to sense a water pressure in the depressurizing valve (31) and to transmit a pressure signal (P); a control unit (37) served to receive a flushing signal (W) started by a user and the pressure signal (P) from the water pressure sensor (36), such that after receiving the flushing signal (W), a starting and closing sequence and starting times of the first solenoid valve (34) and the second solenoid valve (35) are controlled based on the pressure signal (P).

IPC 8 full level

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