

Title (en)
SELF-ADJUSTING CONTROL DEVICE FOR FLUSHING SYSTEM MECHANISM

Title (de)
SELBSTNACHSTELLENDEN SPÜLUNGBETÄTIGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF AUTOREGLABLE DE COMMANDE D'UN MECANISME DE CHASSE D'EAU

Publication
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Application
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Abstract (en)
[origin: US6163897A] PCT No. PCT/FR98/00726 Sec. 371 Date Dec. 3, 1999 Sec. 102(e) Date Dec. 3, 1999 PCT Filed Apr. 10, 1998 PCT Pub. No. WO98/46836 PCT Pub. Date Oct. 22, 1998A self-adjusting control device for a flushing system mechanism borne by a stirrup and provided with pivoting arms actuated by fingers borne by pull-handles for flushing the water, the water flush control being provided via rods acting on the head of the pivoting arms, by externally accessible control knobs on the water flushing apparatus lid. The device comprises: a housing (16) containing the control knobs (19, 20), provided with a thread pitch (p1); an insert (14), integral in rotation with the housing (16) provided with a thread pitch (p2); a fitting (25) borne by the insert (14) carries the pivoting axis (26) of the arms (10, 11); the thread pitches (p1, p2) are in the ratio $p1/p2 = L1/L2$ of the vertical projections of the distances from the axis of the finger (33, 34) (L1) to the contact points (31, 32) of the heads (29, 30) of the arms (10, 11) and the rods (21, 22), and (L2) to the pivoting axis (26) of the arms (10, 11).

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