

Title (en)

APPARATUS FOR ACTUATING A RAISABLE AND SINKABLE VALVE-CONE OF A BATH OUTLET VALVE

Publication

EP 0061041 B1 19840725 (DE)

Application

EP 82101735 A 19820305

Priority

DE 3110151 A 19810316

Abstract (en)

[origin: US4411028A] An apparatus for operating a poppet valve which is mounted in a tub drain for upward and downward movement in a vertical drain pipe which also has a laterally extending horizontal tubular drain pipe portion comprises a guide tube which extends radially of the poppet valve and carries a control slide which is slidable therein under the control of a remote control which is connected thereto by a cable. A bearing cylinder extends into the horizontal tubular drain portion and it carries a rotatably journal pin of a lever assembly which is connected between the control slide and the poppet valve. The lever assembly includes in addition to the journal pin portion which is rotatable in the bearing cylinder, a first lever arm portion which has an end connected to the rotatable pin on the exterior of the bearing cylinder and an opposite end of the first lever arm which is connected to the control slide so that movement of the control slide causes movement of this lever arm portion and rotation of the journal pin in the bearing cylinder. The lever assembly includes a second lever arm portion which extends radially into the horizontal tub drain portion and is bent at its outer end so as to extend axially of the horizontal drain portion and radially of the vertical portion to position its outer end at a location below and in contact with the poppet valve. Displacement of the slide causes the selected upward or downward movement of this outer end and the opening and closing poppet valve. A feature of the construction is that the operating control mechanism may be assembled into the horizontal portion and vertical portion of the drain valve and merely inserting the second lever arm portion through an opening of the bearing cylinder to position this lever arm portion relative to the poppet to simultaneously connect the outer first lever arm portion to the slide.

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E03C 1/23; E03C 1/232

IPC 8 full level

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CPC (source: EP US)

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