

The invention relates to the gas transportation, in particular to the mechanisms for driving of gas conduit fittings.

The fittings driving mechanism contains a propeller (1) and an irreversible planetary precession reduction gear. The body (8) of the reduction gear is joined with the body (13) of the fittings, and the driven wheel (9) thereof - with the locking member (12) of the fittings.

Inside the carrier (3) of the reduction gear there are installed with misalignment of axes two nuts (11), joined with the locking member (12). The nuts also mesh with a screw (10), rigidly joined with the driven wheel (9) of the planetary precession reduction gear. With the locking member (12) it is also joined, by means of the same planetary reduction gear, a manual valve (15).

In the second variant of manufacture the body of the planetary precession reduction gear is rigidly joined with the body of fittings, and the valve is kinematically joined with the carrier.

The result consists in increasing the kinematic possibilities of the mechanism and in reducing the forces applied to the valve due to the manufacture of the reduction mechanism in the irreversible precession variant.

Claims: 2

Fig.: 2