

The invention relates to the mechanical engineering and may be used in the mechanisms for swinging-to-rotary motion transformation.

The mechanism for transmitting the swinging motion into rotary motion contains a body, input 1 and output 8 shafts and a double-stage motion transformer including gear-wheels. Novelty consists in that onto the input shaft 1 there is rigidly mounted a toothed quadrant 2, which concomitantly meshes with two gear-wheels 3 and 12, each of which is rigidly fixed onto the shafts of the first 4 and second 13 stage, respectively. Onto the shaft 4 of the first stage, by means of an overrunning clutch 6 rigidly fixed thereon, there is additionally mounted the gear-wheel 5, which meshes with the gear-wheel 7 mounted onto the output shaft 8. Onto the shaft 13 of the second stage, by means of an overrunning clutch 14, rigidly fixed thereon, there is additionally mounted, opposed to the overrunning clutch 6, a gear-wheel 15, which meshes with the intermediate gear-wheel 10, which meshes with the gear-wheel 9, fixed onto the output shaft 8. The gear ratio of the first stage is equal to the gear ratio of the second one.

Claims: 1

Fig.: 3

