

The invention relates to gear transmissions and can be used in reduction gears and power transmission mechanisms. The precession transmission comprises a body, wherein are placed two central gear-wheels, one of which is rigidly fixed in the body from the end of the driving shaft and the other is connected to the driven shaft, mounted coaxially with the driving one and freely installed on the crank of the driving shaft. The precession transmission further comprises a double-ring satellite with rollers, each of them being in mesh with a central gear. The rollers (5) are made barrel-shaped with a journal (12, 13) at the ends and placed in sockets, made in the satellite gear rings, by means of spring rings (14, 15) with the possibility of rotation of the rollers (5).

Claims: 1

Fig.: 4

