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The invention relates to mechanical engineering, in particular to radial force-to-torque conversion devices.
The device, according to the invention, comprises a cylindrical body (2) with two main wheels (5 and 6), which is fixed on a base (1) and closed with a cover (3). On the base (1) are mounted by means of bearings (22, 25, 38) a drum (19) with two main wheels (20 and 21), a hollow carrier (23) with a primary pinion (26) and a satellite (37) with a double gear wheel (36). In the body (2) are placed shafts (17, 18 and 29, 30) with paired satellites (13, 14 and 15, 16) and satellites (11, 12 and 27, 28), and an output shaft (35) with two solar wheels (33 and 34). The carrier (23) is provided with a handle (24), passing through a transverse through channel (4), made in the body (2). The device also comprises two intermediate gear wheels (31 and 32) and two double gear wheels (7 and 8). The shafts (17, 18 and 29, 30) are fixed, in pairs, on abutment bars (39, 40).

Claims: 1
Fig.: 2