

The invention relates to the mechanical transmissions used for stepping up the revolutions of the tool of the average and high-capacity wind aggregates.

The precession step-up gear includes a body, wherein there are placed the drive and driven shafts, kinematically joined with a satellite gearwheel. The satellite gearwheel comprises two gear rings, the teeth of which, according to the first variant, are made in the form of taper rollers, installed by means of needle bearings on the axles fixed into the satellite gearwheel. According to the second variant, the teeth of the gear rings of the satellite gearwheel (6) are made in the form of taper rollers (9) fixed on the axles installed into the satellite gearwheel (6) by means of radial bearings (20). On both sides of the satellite gearwheel (6) there are placed two central gearwheels, fixed into the body.

Claims: 2

Fig.: 3

