95-0324

The invention relates to the driving tools, particularly, to the wrench thread tools.

The aim of invention is to improve loading capacity.

On pushing starting button 19 of nut wrench, the air, through the duct 18, is directed into blades 3 of rotor 2, which begin to rotate with determined angular velocity. Since the propeller boss 4 is sloping toward the rotor axe 2, the rotation motion of is transformed in precession motion of satellite 8 and its gear rings 6 and 7 revolve around gear wheel 9 and driven gear wheel 10, and the latter in this case starts to rotate with a reduced angular velocity relative to rotor 2. The rotation of driven wheel 10 is transmitted by torque-limmiting-clutch 11 and intermediate roller 12 to spindle 13 and further to tighten thread joint. At achieving limiting moment on thread joint tightening and overcoming a spring 16, the torque-limmiting-clutch 11 acts and spindle 13 is stopped.

Claims: 1