

The invention relates to the welding engineering, in particular to the welding wire feeding mechanisms and may be used in the automatic and semi-automatic welding machines.

The mechanism contains an electric motor 2, a planetary precession reduction gear, drive 16 and pressure 19 rollers. The reduction gear includes a satellite gear 9 installed onto the crank 10, central wheels: fixed 4 and mobile 5 joined with the driven shaft 6. The drive roller is freely installed onto the body and it is joined with the driven shaft 6.

The result – an increased bearing capacity, the possibility of using an expanded range of welding wire diameters from 2 up to 12 mm.

Claims: 2

Fig.: 4