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The invention refers to the mechanical engineering, namely to the devices for electroerosion alignment of the machine mating parts, for example, of the gear-wheels.

The device for electroerosion alignment of the machine mating parts, for example, of the gear-wheels, contains a body of current-conducting material, into which there are mounted the drive and the driven shafts, the gear-wheels subjected to working and a closed magnetic core with winding that is connected to a pulse generator. One of the worked gear-wheels is fixed into the body from the end of the drive shaft, the other one is executed conjointly with the driven shaft, and between them it is situated a double-ring satellite gear performing the precession motion, each ring of which contains rotating rollers engaging with the respective wheels, at the same time the satellite gear is mounted on the drive shaft by means of the bearing sleeves made of dielectric material. The closed magnetic core with winding is placed coaxially to the worked gear-wheels, embracing the engagement zone thereof.

Claims: 1

Fig.: 1