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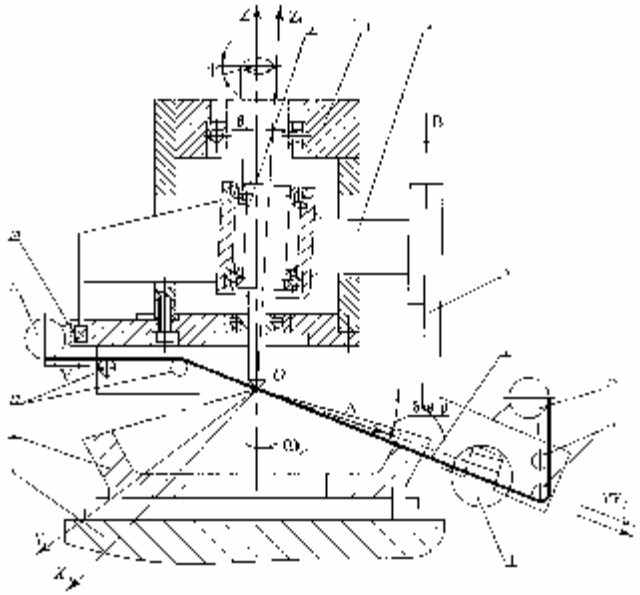
The invention relates to processes for electroerosion machining of metals and may be used in the machining of mated surfaces of different machine parts.

For the realization of the given process there may be used a device, containing a body 3, with a semi-cylindrical support for its placement into the socket of the machine tool carriage, a cross-piece 4, fixed with screws to the end face of the body 3, a crank shaft 5 and a working beam 6. During rotation of the crank shaft 5, the working beam 6 and the electrode-wire 1 is communicated a wobbling motion around the precession point, which is formed at the intersection of the crank shaft axes. The electrode-wire 1 is pulled between the guides 11 and 12, being shifted and tightened by the bobbins 13 and 14. The blank 2 is fixed onto the turning table 9 of the machine tool. The working beam 6 is joined with the mobile coordinate system $OX_1Y_1Z_1$, and the body 3 - with the immobile coordinate system OXYZ. At the same time, the axis of the crank shaft 5 coincides with the Z_1 axis, and the axis of rotation of the blank - with the Z axis.



Claims: 3
Fig.: 5