

The invention relates to the power engineering, in particular to the technique for measurement of high alternating and direct voltages, namely to methods for manufacture of resistive voltage dividers wound from wire, for example, microwire.

The method for manufacture of resistive voltage divider consists in the continuous winding of insulated wire, for example, of micro-wire in glass insulation, on the first and second frames, connected to each other, mounting at a distance from the first and second frames of the third rotating frame, perpendicular to them, of the same size and structure as the second frame, rewinding of the wire from the second frame on the third frame. At the same time, the wire on the third frame with the wire on the first frame and the secondary windings of a differential transformer form a bridge with four arms. Upon reaching the equilibrium of the bridge the rewinding of the wire is stopped and the wire is cut. The second frame is dismantled from the first frame and the first frame is connected to the third frame, forming a voltage divider.

Claims: 2

Fig.: 5