

98-0094

The invention refers to the electrical engineering, in particular, to manufacturing the micro-wire covered with a glass insulation.

The process for manufacturing the micro-wire (12) into a glass insulation consists in the fact, that a rod (6) with a cone end (8) is situated coaxial into a glass tube (5) having a similar cone end, the tube end (5) is introduced into a graphite furnace (2), at the same time one creates a vacuum into the glass tube (5) and heat it up to giving reduction to the complete rod (6), thereafter the glass tube (5) with the rod (6) is continuously advanced into the inductor zone (1), melting down the rod and extending the micro-wire (12) in the glass insulation.

The technical result consists in obtaining the micro-wire of unlimited length and identical chemical composition along full length thereof.