

WINDING APPARATUS AND METHOD**ABSTRACT OF THE DISCLOSURE**

A winding apparatus and a method for winding a wire material around a workpiece such as a deflection yoke for use with a cathode ray tube are provided. The apparatus is provided with a nozzle unit, a guide unit, a first winding means and a second winding means and operates such that the first winding means forms a first winding (e.g., a deflection coil) by moving the wire material from the nozzle unit in a three-dimensional direction after binding the wire material to the workpiece through the guide unit cooperating with the nozzle unit and the second winding means forms a second winding (e.g., a leakage magnetic field shielding coil) different from the first winding by moving the nozzle unit in directions parallel and normal to the axis of the workpiece, respectively. According to the present invention, unlike the conventional apparatus, it is possible to wind a wire material in a variety of ways indifferent directions while keeping the attitude of the workpiece in a certain attitude.

FIGURE 1