

### **Summary**

An electrical discharge machining device which machines a workpiece by electrical discharge and imparts to the workpiece a curved profile and a straight profile connected to the curved profile, includes a wire electrode and a wire forming device, which forms a concave channel in the axial direction of that wire electrode. A conductive wire guide is provided, on which is formed a curved edge and a straight edge which connects to that curved edge. The wire electrode is fit onto the curved edge and the straight edge, and caused to travel along the wire guide edge. The wire guide is connected to the power supply, and also functions as a feeder to feed power to the traveling wire electrode. Preferably, the wire guide and wire guide forming device are arrayed so that the wire guide travels a straight line between the intersection of the curved edge with the straight edge and the wire forming device.