

Title (en)

Electric-power-supplying roller assembly for continuous wire annealing plants.

Title (de)

Kontaktrolleinrichtung zum Zuführen von elektrischem Strom in Drahtdurchlaufglühanlagen.

Title (fr)

Dispositif comprenant un rouleau de contact pour l'application de courant électrique dans une installation de recuit continu de fils.

Publication

EP 0155917 A2 19850925 (EN)

Application

EP 85830059 A 19850306

Priority

IT 2117384 U 19840309

Abstract (en)

In a plant for the continuous annealing of steel wire, in which an electrical potential difference is applied to pairs of consecutive rollers (1) to heat the wire (3) by the Joule effect, each roller (1) has a sleeve constituted by electrically-conductive segments (12) which are insulated from each other and which are engaged by brushes (13) connected to a voltage source. The brushes (13) engage a portion of the sleeve of the roller (1) having an angular extent less than the arc of winding of the wire (3) on the roller (1), so as to avoid sparking as the wire (3) approaches and leaves the roller (1).

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