

Title (en)

ELECTRIC-POWER-SUPPLYING ROLLER ASSEMBLY FOR CONTINUOUS WIRE ANNEALING PLANTS

Publication

**EP 0155917 B1 19890913 (EN)**

Application

**EP 85830059 A 19850306**

Priority

IT 2117384 U 19840309

Abstract (en)

[origin: EP0155917A2] 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).

IPC 1-7

**C21D 9/62**; **H05B 3/00**

IPC 8 full level

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CPC (source: EP)

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