

Title (en)

APPARATUS FOR THERMALLY TREATING A CONTINUOUSLY MOVING METAL WIRE

Publication

EP 0275864 B1 19910306 (DE)

Application

EP 87890293 A 19871218

Priority

AT 3587 A 19870109

Abstract (en)

[origin: EP0275864A1] The apparatus for heat-treating the metal wire (19) has at least two drum-like rotational body systems (5a, 5b) which are arranged in the heat treatment zone, are looped by several windings of wire and are each constructed, in order to avoid a relative movement between the wire and the surface of the rotational body due to a length change of the wire during the heat treatment, from a plurality of disc-shaped rotational bodies (5) which are arranged in a row and called "discs" in short below and which have on their periphery self-closed wire-guiding grooves (6), all discs of one disc row (5a) being located opposite respective discs of another disc row (5b) with axially offset wire-guiding grooves (6); the first disc (5A) of one of the disc rows (5a) is joined rotationally solid to a drive shaft (3), while the remaining discs of this disc row (5a) and the discs of the other disc row (5b) or disc rows are rotatably mounted on shafts or axles (4), with the possible exception of one likewise driven disc (Figure 1). <IMAGE>

IPC 1-7

C21D 9/56

IPC 8 full level

C21D 9/56 (2006.01); **C21D 9/68** (2006.01)

CPC (source: EP US)

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EP 0275864 A1 19880727; **EP 0275864 B1 19910306**; AT 389322 B 19891127; AT A3587 A 19890415; AU 597769 B2 19900607; AU 8306187 A 19880714; CA 1308340 C 19921006; DE 3768476 D1 19910411; ES 2002705 A4 19881001; ES 2002705 B3 19911101; GR 3001571 T3 19921123; GR 880300129 T1 19881216; JP S63171836 A 19880715; US 4919395 A 19900424

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