

Title (en)
NONCONTACT HEATER FOR WIRE MATERIAL

Title (de)
KONTAKTLOSER HEIZER FÜR LEITERMATERIAL

Title (fr)
DISPOSITIF DE CHAUFFAGE SANS CONTACT POUR UN FIL METALLIQUE

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EP 0770720 A1 19970502 (EN)

Application
EP 96909360 A 19960412

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Abstract (en)
A non-contact type heating apparatus shown in Fig. 1 comprising a heating pipe (1) containing inside it a passage through which a filament material to be heated travels housed inside a heater case (2) having a heat insulating material layer (3), wherein a temperature sensor (7) is mounted in contact with the heating pipe (1) or inside the heating pipe. A structure can be adopted wherein this heating pipe (1) is provided along its entire length with a slit-shaped opening having a constant slit width or locally enlarged and an open/closeable cover part of the heater case is provided facing the slit-shaped opening in the heating pipe. Also, a guide for suppressing phenomena such as vibrations and slackening of the travelling filament material can be built into the heating pipe, a temperature sensor can be fitted in a side of this guide, and a connecting terminal member can be made of two-pieces. <IMAGE>

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