

Title (en)

Tubular heating element with a conical heating spiral conductor

Title (de)

Rohrheizkörper mit konischer Heizleiterwendel

Title (fr)

Element de chauffage tubulaire avec un conducteur chauffant helicoidal tronconique

Publication

EP 1718115 B1 20090916 (DE)

Application

EP 06007617 A 20060411

Priority

DE 102005019211 A 20050425

Abstract (en)

[origin: EP1718115A1] The pipe heater (R) includes heating coil (22) that has two contact areas that are curved with respect to a longitudinal axis, and a work area formed between the contact areas to extend the contact areas. The diameter of the heating coil increases from one contact area towards the work area. The heating coil is embedded in an electrical isolation material (20), and arranged inside the jacket pipe (10) of a household appliance. A connector (24) couples the heating coil to a power source. An independent claim is included for the heating coil.

IPC 8 full level

H05B 3/48 (2006.01); **H05B 3/44** (2006.01)

CPC (source: EP US)

H05B 3/44 (2013.01 - EP US); **Y10T 29/49083** (2015.01 - EP US)

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DOCDB simple family (publication)

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