

Title (en)

Tubular heating element with build-in overheat protection

Title (de)

Rohrheizkörper mit eingebauter Überhitzungssicherung

Title (fr)

Élément de chauffage tubulaire incorporant une protection contre une surchauffe

Publication

EP 0876081 B1 20041027 (DE)

Application

EP 98106891 A 19980416

Priority

DE 29707829 U 19970501

Abstract (en)

[origin: EP0876081A2] A tubular heating body, with an incorporated overheating safety system, has an outer connection bolt (8) with a diameter which is smaller than the diameter of the overheating safety unit (7). A shrouding (11), with electrical insulation, fits tightly at the wall of the overheating safety unit (7) and partly round the outer connection bolt (8). The interior of the mantle tube is filled with an electrical insulation casting mass (12) between the two sleeves (5, 9) and round the safety unit (7), the outer connection bolt (8) and the insulation shrouding (11). The mass (12) is a mixture of "Araldite" (RTM; epoxy resin) and corundum dust.

IPC 1-7

H05B 3/48; **H05B 1/02**

IPC 8 full level

H05B 1/02 (2006.01); **H05B 3/48** (2006.01)

CPC (source: EP)

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EP 0876081 A2 19981104; **EP 0876081 A3 19981111**; **EP 0876081 B1 20041027**; AT E281055 T1 20041115; DE 29707829 U1 19970710; DE 59812158 D1 20041202; ES 2236843 T3 20050716; PT 876081 E 20050228; SI 0876081 T1 20050831

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