

Title (en)

Heating conductor with raccording element and/or closing element and its manufacturing process

Title (de)

Heizleiter mit einem Anschlusselement und/oder einem Abschlusselement sowie ein Verfahren zur Herstellung desselben

Title (fr)

Conducteur chauffant muni d'un élément de raccord et/ou d'un élément de fermeture ainsi que son procédé de fabrication

Publication

EP 1091623 A3 20020529 (DE)

Application

EP 00121536 A 20000930

Priority

DE 19948819 A 19991009

Abstract (en)

[origin: EP1091623A2] Heat conductor comprises a connecting element (1A,1B) and a heating element (2) having a heating strip (3) and heating strip cords (4,5) and surrounded by a fluoropolymer protective layer (6). A further fluoropolymer plastic material is applied in the region of the connecting elements. An Independent claim is also included for a process for the production of a connecting element for a heat conductor comprising cutting a heating strip with heating strip cords in a prescribed region for the connecting elements and exposing the cords; applying a fluoropolymer plastic layer to the strip; applying a screen covering (8) to the plastic layer; back-cutting the covering layer in the region of the connecting elements; connecting one end of a extension line (9) to the connection point (8A,8B); applying an outer protective casing made of a fluoropolymer plastic to the heat conductor and the hot conductor connections; and finishing the connecting element regions by connecting lines to the cords and/or providing the lines with contact elements.

IPC 1-7

H05B 3/04; **H05B 3/06**; **C08L 27/12**; **H01R 4/70**; **H05B 3/56**

IPC 8 full level

H05B 3/20 (2006.01); **H05B 3/02** (2006.01); **H05B 3/06** (2006.01); **H05B 3/10** (2006.01); **H05B 3/58** (2006.01)

CPC (source: EP US)

H05B 3/06 (2013.01 - EP US); **H05B 3/56** (2013.01 - EP US); **H05B 3/565** (2013.01 - EP US)

Citation (search report)

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- [Y] EP 0779334 A1 19970618 - EILENTROPP KG [DE]
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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1091623 A2 20010411; **EP 1091623 A3 20020529**; **EP 1091623 B1 20050907**; AT E304277 T1 20050915; DE 19948819 A1 20010523; DE 19948819 C2 20020124; DE 50011103 D1 20051013; ES 2248000 T3 20060316; JP 2001160478 A 20010612; US 6423952 B1 20020723

DOCDB simple family (application)

EP 00121536 A 20000930; AT 00121536 T 20000930; DE 19948819 A 19991009; DE 50011103 T 20000930; ES 00121536 T 20000930; JP 2000309406 A 20001010; US 68579200 A 20001010