

Title (en)
Heating cable and method producing the same

Title (de)
Heizkabel und Herstellungsverfahren

Title (fr)
Câble chauffant et procédé de fabrication

Publication
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Application
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Priority
NO 972275 A 19970520

Abstract (en)
[origin: EP0880302A2] The present invention relates to a heating cable comprising a core having two electrical conductors (4,5), a PTC element therebetween and an outer layer (3) of insulation material. The core comprises an extruded polymer center element (1) in which the two conductors (4,5) are arranged so that part of the conductor surfaces coincide with the center element surface, an extruded layer (2) of a PTC polymer arranged over the center element in contact with said conductor surface parts, and at least one outer extruded insulation sheath (3). The PTC layer (2) is based on ethylene and ethylene-octene copolymer with carbon black and silane grafted by direct feeding silane/peroxide or using a Master Batch with silane/peroxide/catalyst. <IMAGE>

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Cited by
CN103050171A; FR2902273A1; EP1858298A1; FR2901449A1; EP2026360A1; FR2919106A1; US7645963B2; US10470251B2; US11503674B2; WO2004049761A1; US10375767B2; US10863588B2; US10966290B2; US11871486B2; US11956865B2

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