

Title (en)

Winding-type high-voltage resistant, resistive cord for preventing noises

Title (de)

Geräuschunterdrückendes hochspannungsfestes Kabel mit gewundenem Widerstand

Title (fr)

Câble haute tension à résistance enroulée et à suppression des bruits

Publication

EP 0644556 B1 19970806 (EN)

Application

EP 94105235 A 19940405

Priority

JP 10516693 A 19930406

Abstract (en)

[origin: EP0644556A2] There is disclosed a winding-type high-voltage resistant, resistive cord for preventing noises which comprises a fiber bundle (11), a core (12), a metal small-gage wire (13), a removal layer (15), an internal layer (16), an insulating layer (17), a braid (18), and a sheath (19), wherein the core (12) is formed by immersing the fiber bundle (11) in a fluorocarbon rubber coating containing fluorocarbon rubber filled with carbon and ferrite and regulated by a solvent which is MEK to impregnate the fiber bundle (11) therewith, and the internal layer (16) is made mainly of polyethylene (PE) similar to the insulating layer (17). The core (12) is not removed from the fiber bundle (11) during extrusion of the internal layer (16) which has good adhesion to the insulating layer (17), which prevents lowering of resistance to voltage due to corona discharge. The winding-type high-voltage resistant, resistive cord ensures sufficient resistance to voltage if a high voltage is required. <IMAGE>

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CPC (source: EP)

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Cited by

EP1995850A1; US6054028A; US6252172B1; US2013133921A1; CN104067355A; CN104700960A; EP0655750A3; CN109712749A

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