

Title (en)

Winding-type noise-suppressing high-tension resistive cord

Title (de)

Geräuschunterdrückender Hochspannungskabel mit gewundener Widerstand

Title (fr)

Câble haute tension à résistance enroulée et à suppression des bruits

Publication

EP 0696808 A2 19960214 (EN)

Application

EP 95111676 A 19950725

Priority

JP 18607394 A 19940808

Abstract (en)

There is disclosed a winding-type noise-suppressing high-tension resistive cord including a core having original characteristics and made of a base polymer which is less expensive EPR. The core (12) includes a polymer having ferrite powder mixed therein for extrusion-coating a reinforcing string (11), and a resistance wire (13) is coiled around the core (12) and then is sequentially coated with an insulating layer (14), a reinforcing braid (15) and a sheath (16). The polymer is a blend of ethylene-propylene-diene terpolymer (EPDM) as a base polymer and ethylene-vinyl acetate copolymer (EVA) compatible with EPDM and to be covulcanized during vulcanization as a reinforcing polymer, in amounts of 60 parts by weight of EPDM to 40 parts by weight of EVA. The ferrite powder is mixed in an amount of 500 parts by weight per 100 parts by weight of the blend polymer. <MATH>

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CPC (source: EP)

H01B 7/0063 (2013.01)

Citation (applicant)

- JP H0132253 Y2 19891003
- JP S6028002 U 19850225
- JP H0520467 U 19930312

Cited by

CN108129743A; US6054028A; US6011887A; EP0859256A4; WO2013082140A1

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