

Title (en)

Longitudinally and transversely watertight power cable

Title (de)

Längs- und querwasserdichtes Energiekabel

Title (fr)

Câble d'énergie étanche à l'eau longitudinalement et transversalement

Publication

EP 0700057 B1 19981021 (DE)

Application

EP 95109668 A 19950622

Priority

DE 4431221 A 19940902

Abstract (en)

[origin: EP0700057A2] On the multi-wire core (1) and inner conductive layer (2) of e.g. soot-filled polymer is extruded and covered with e.g. crosslinked polyethylene insulation (3). Over this an outer conductive layer (4) of filled polyethylene or one of its copolymers underlies a layer of crepe paper tape (5) rendered conductive by graphite or soot and forming a cushion for the screen (6) of e.g. CU wires. An absorbent textile strip (7) loaded with e.g. Cu or Al tinsel or threads of limited length guarantees continuous contact between this screen and an outer metallic sleeve (8) under polyethylene jacket (9).

IPC 1-7

H01B 7/28

IPC 8 full level

H01B 7/28 (2006.01); **H01B 7/288** (2006.01)

CPC (source: EP)

H01B 7/288 (2013.01)

Cited by

EP1128396A1; CN1328734C; EP0890961A3; DE102007041981A1; EP2317525A1; EP2034491A3; US9281102B2; US7053309B2; WO2011054887A1; WO2004006272A1; EP1508145B1; EP3002763B1

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