

Title (en)

An integrated system of conduits and associated items for the antimicrobial and anti-rodent protection of cables in an electrical distribution network

Title (de)

Ein integriertes System von Leitungen und damit zusammenhängenden Gegenständen zum Schutz von Kabeln in einem elektrischen Verteilernetzwerk vor Mikroben und Nagern

Title (fr)

Système intégré de conduits et pièces associées pour la protection antibactérienne et anti-rongeurs de câbles dans un réseau de distribution électrique

Publication

EP 2698792 A1 20140219 (EN)

Application

EP 12386019 A 20120813

Priority

EP 12386019 A 20120813

Abstract (en)

An integrated system of conduits and associated supplementary items employed to cover cables in an electrical distribution network, comprising rigid or pliable conduit portions (11, 12), clips (17) adapted to support and fixedly mount conduits (11, 12), couplers (13) adapted to connect linearly oriented sequential conduit portions (11, 12), bends (14) adapted to connect perpendicularly oriented sequential conduit portions (11, 12), junction boxes (16) with a plurality of outlets, spout adaptor members (15) with an end (15b) adapted to fit within the outlets of junction boxes (16) and an end (15a) adapted to receive a conduit portion (11, 12), including double-wall structured pliable or rigid underground conduits (19) connected with couplers (18), wherein all items (11, 12, 13, 14, 15, 16, 17, 18, 19) are manufactured with a thermoplastic material having a composition comprising an anti-microbial additive and/or an anti-rodent additive, each at a percentage by weight of about 1-8%.

IPC 8 full level

H01B 7/28 (2006.01)

CPC (source: EP)

H01B 7/2806 (2013.01)

Citation (applicant)

- US 2009101387 A1 20090423 - PARSONS WALTER BRIAN [US], et al
- EP 0749128 A2 19961218 - AT & T CORP [US]
- EP 0417713 A1 19910320 - ALCATEL CABLE [FR], et al
- WO 2006016899 A1 20060216 - 3M INNOVATIVE PROPERTIES CO [US]

Citation (search report)

- [YD] US 2009101387 A1 20090423 - PARSONS WALTER BRIAN [US], et al
- [Y] US 2222638 A 19401126 - SZILARD JULIUS A

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JP2016019514A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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