

Title (en)

CABLE SYSTEM FOR USE IN HAZARDOUS ENVIRONMENTS

Title (de)

KABELSYSTEM UNTER GEFÄHRLICHEN UMWELTEINFLÜSSEN

Title (fr)

RESEAU DE CABLE UTILISABLE DANS UN ENVIRONNEMENT DANGEREUX

Publication

EP 1147589 A1 20011024 (EN)

Application

EP 99962363 A 19991220

Priority

- GB 9904313 W 19991220
- GB 9828168 A 19981222

Abstract (en)

[origin: WO0038291A1] A method of forming a seal between a tubular cable outlet projecting from a joint enclosure (1) and a cable (21) passing through the cable outlet into the enclosure (1) in which a heat-recoverable sleeve (11) is shrunk around the cable (21) and the cable outlet (7, 8, 9); an electrically conductive, guard sleeve (13) is placed around the heat-recoverable sleeve (11) so that it substantially surrounds it and extends beyond each of its ends. The cable (21) sealed to the joint enclosure (1) can be used within a zone 1 hazardous environment, for example in a sewer. The guard sleeve (13) is preferably of stainless steel, so as to resist attack by rodents as well as enabling the joint enclosure (1) to meet zone-1 explosion-resistance requirements when the cable includes power supply conductors, for instance for powering electronic communication equipment within the enclosure (1).

IPC 1-7

H02G 15/076; G02B 6/44

IPC 8 full level

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