

Title (en)

Leaky cable with fire resistance

Title (de)

Strahlendes Kabel mit Feuerbeständigkeit

Title (fr)

Câble rayonnant ayant une tenue au feu

Publication

**EP 0778634 A1 19970611 (FR)**

Application

**EP 96402558 A 19961127**

Priority

FR 9514407 A 19951206

Abstract (en)

The cable consists of a smooth or corrugated solid or stranded inner conductor (1) formed from copper, aluminium or an alloy. A dielectric layer (2) is preferably made from a halogen-free cellular foam formed without crosslinking, and an outer helical strip conductor (3) with punched holes (4). An intermediate layer (5) of preferably crosslinked polymer is extruded or wound on the outer conductor before application of a glass or glass fibre reinforced heat shield (6). The outer sheath (7) is fireproof and is formed without crosslinked halogen.

Abstract (fr)

Le câble rayonnant comporte un conducteur interne (1), une couche diélectrique (2), un conducteur externe (3) comportant des ouvertures (4), une couche intermédiaire (5) en matière plastique et une gaine externe (7) <IMAGE>

IPC 1-7

**H01Q 13/20**

IPC 8 full level

**H01Q 13/20** (2006.01)

CPC (source: EP)

**H01Q 13/203** (2013.01)

Citation (search report)

- [A] EP 0428026 A2 19910522 - ANDREW CORP [CH]
- [A] US 5422614 A 19950606 - RAMPALLI SITARAM [US], et al
- [A] FR 2594601 A1 19870821 - HITACHI CABLE [JP]
- [A] WO 8603329 A1 19860605 - HABIA CABLE [FR]
- [A] MORGAN: "COMMUNICATIONS IN THE ENGLISH CHANNEL TUNNEL", ELECTRO CONFERENCE RECORD, vol. 16, 16 April 1991 (1991-04-16) - 18 April 1991 (1991-04-18), NEW YORK,NY,US, pages 514 - 518, XP000288427

Cited by

CN110189857A; FR2920918A1; CN104377413A; EP2345535A1

Designated contracting state (EPC)

CH DE ES GB IT LI PT

DOCDB simple family (publication)

**EP 0778634 A1 19970611**; FR 2742259 A1 19970613; FR 2742259 B1 19980102

DOCDB simple family (application)

**EP 96402558 A 19961127**; FR 9514407 A 19951206