

Title (en)

Antikink device for an electrical cable

Title (de)

Knickschutzeinrichtung für ein elektrisches Kabel

Title (fr)

Dispositif antinflambage pour un câble électrique

Publication

**EP 1689057 A1 20060809 (DE)**

Application

**EP 05028336 A 20051223**

Priority

DE 102005005216 A 20050203

Abstract (en)

The device is formed by an antikink segment (9) of a cable over which a thickness of a cable sheath or a thickness of an antikink layer arranged within the cable sheath increases in a direction toward a cable end that lies nearer to the antikink segment. The cable sheath is made seamless and continuous over the antikink segment and an adjoining segment (8). The antikink layer ends at an end of the antikink segment. Independent claims are also included for the following: (A) a cable comprising electrical conductors (B) a method for a production of an antikink device for an electrical cable.

IPC 8 full level

**H02G 1/14** (2006.01); **H01R 13/56** (2006.01); **H01R 13/58** (2006.01)

CPC (source: EP US)

**H01R 13/562** (2013.01 - EP US); **H01R 13/5845** (2013.01 - EP US); **H01R 43/005** (2013.01 - EP US)

Citation (search report)

- [DA] DE 4303737 A1 19940804 - SIEMENS AG [DE]
- [A] US 6338644 B1 20020115 - FRITZINGER DANIEL D [US], et al
- [A] EP 0063536 A1 19821027 - SIEMENS AG [DE]
- [A] US 6050847 A 20000418 - KAWAKAMI TAKAHIDE [JP], et al
- [A] DE 3717296 A1 19881201 - RHEYDT KABELWERK AG [DE]

Cited by

EP2187491A1; DE102014110600A1; US9123453B2; US2022043230A1; WO2012079644A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1689057 A1 20060809; EP 1689057 B1 20071003**; AT E375025 T1 20071015; CN 1862888 A 20061115; CN 1862888 B 20111012; DE 102005005216 A1 20060810; DE 502005001626 D1 20071115; US 2006169473 A1 20060803; US 7314999 B2 20080101

DOCDB simple family (application)

**EP 05028336 A 20051223**; AT 05028336 T 20051223; CN 200610004799 A 20060128; DE 102005005216 A 20050203; DE 502005001626 T 20051223; US 34132506 A 20060127