

Title (en)

BINDER FILM FOR A FIBER OPTIC CABLE

Title (de)

BINDEMITTELFILM FÜR EIN GLASFASERKABEL

Title (fr)

FILME DE LIAISON POUR CÂBLE À FIBRES OPTIQUES

Publication

**EP 3523686 A4 20200513 (EN)**

Application

**EP 17860540 A 20171005**

Priority

- US 201615289943 A 20161010
- US 2017055257 W 20171005

Abstract (en)

[origin: WO2018071259A1] A fiber optic cable includes a cable core of core elements and a protective sheath surrounding the core elements, an armor surrounding the cable core, the armor comprising a single overlap portion when the fiber optic cable is viewed in cross-section, and a jacket surrounding the armor, the jacket having at least two longitudinal discontinuities extruded therein. A method of accessing the cable core without the use of ripcords includes removing a portion of the armor in an access section by pulling the armor away from the cable core so that an overlap portion separates around the cable core as it is being pulled past the cable core. A protective sheath protects the core elements as the armor is being pulled around the cable core.

IPC 8 full level

**G02B 6/245** (2006.01); **G02B 6/02** (2006.01); **G02B 6/036** (2006.01); **G02B 6/04** (2006.01); **G02B 6/44** (2006.01)

CPC (source: EP)

**G02B 6/4431** (2023.05); **G02B 6/4434** (2013.01); **G02B 6/441** (2013.01); **G02B 6/44384** (2023.05); **G02B 6/4479** (2013.01)

Citation (search report)

- [XAI] US 2015043874 A1 20150212 - SANDATE AGUILAR MARIO SERGIO [MX], et al
- [IA] WO 2013063041 A1 20130502 - CORNING CABLE SYS LLC [US], et al
- [A] WO 2014052224 A2 20140403 - CORNING CABLE SYS LLC [US], et al
- [A] US 2015110451 A1 20150423 - BLAZER BRADLEY JEROME [US], et al
- See references of WO 2018071259A1

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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**WO 2018071259 A1 20180419**; CA 3039126 A1 20180419; EP 3523686 A1 20190814; EP 3523686 A4 20200513

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**US 2017055257 W 20171005**; CA 3039126 A 20171005; EP 17860540 A 20171005