

Title (en)  
SYNTHETIC FIBER CABLE

Title (de)  
KUNSTFASERKABEL

Title (fr)  
CÂBLE EN FIBRE SYNTHÉTIQUE

Publication  
**EP 3480357 B1 20240124 (EN)**

Application  
**EP 16907263 A 20160629**

Priority  
JP 2016069283 W 20160629

Abstract (en)  
[origin: EP3480357A1] A carbon fiber cable (1) includes a core member (2) having multiple thermosetting-resin-impregnated carbon fibers (2) bundled together, and multiple side members (3) each having multiple thermosetting-resin-impregnated synthetic fibers (4) bundled together in each side member. The thermosetting resin (5) is in a cured state and each of the multiple side members (3) has been shaped utilizing curability of the resin. The shaped multiple side members (3) are each in such a state that they are twisted together around the core member (2).

IPC 8 full level  
**D07B 1/02** (2006.01); **D07B 5/00** (2006.01)

CPC (source: EA EP US)  
**D07B 1/02** (2013.01 - EP US); **D07B 1/04** (2013.01 - EA US); **D07B 1/16** (2013.01 - EA EP US); **D07B 5/005** (2013.01 - EP); **E04C 5/07** (2013.01 - EA US); **D07B 1/025** (2013.01 - EP); **D07B 1/147** (2013.01 - EP); **D07B 7/025** (2013.01 - EP); **D07B 2201/102** (2013.01 - EP); **D07B 2201/1032** (2013.01 - EP); **D07B 2201/104** (2013.01 - EP); **D07B 2201/2008** (2013.01 - EP); **D07B 2201/2014** (2013.01 - EP); **D07B 2201/2021** (2013.01 - EP); **D07B 2201/2046** (2013.01 - EP); **D07B 2205/2003** (2013.01 - EP); **D07B 2205/2007** (2013.01 - EP); **D07B 2205/201** (2013.01 - EP); **D07B 2205/205** (2013.01 - EP); **D07B 2205/2096** (2013.01 - EP); **D07B 2205/30** (2013.01 - EP); **D07B 2205/3003** (2013.01 - EP); **D07B 2205/3007** (2013.01 - EP US); **D07B 2401/206** (2013.01 - EP); **D07B 2401/208** (2013.01 - EP); **D07B 2501/2023** (2013.01 - EP)

C-Set (source: EP)  
1. **D07B 2205/2096 + D07B 2801/10**  
2. **D07B 2205/3003 + D07B 2801/10**  
3. **D07B 2205/3007 + D07B 2801/10**  
4. **D07B 2205/30 + D07B 2801/10**  
5. **D07B 2205/205 + D07B 2801/10**  
6. **D07B 2205/2007 + D07B 2801/16**  
7. **D07B 2205/2003 + D07B 2801/16**  
8. **D07B 2205/201 + D07B 2801/10**  
9. **D07B 7/025 + D07B 2801/60**

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

DOCDB simple family (publication)  
**EP 3480357 A1 20190508; EP 3480357 A4 20200226; EP 3480357 B1 20240124; EP 3480357 C0 20240124**; BR 112018076669 A2 20190402; BR 112018076669 B1 20230223; CA 3029606 A1 20180104; CA 3029606 C 20200901; EA 201892428 A1 20190731; JP 6393444 B2 20180919; JP WO2018003030 A1 20181018; MX 2018013849 A 20190228; MY 184869 A 20210428; US 2019153671 A1 20190523; WO 2018003030 A1 20180104; ZA 201808482 B 20190731

DOCDB simple family (application)  
**EP 16907263 A 20160629**; BR 112018076669 A 20160629; CA 3029606 A 20160629; EA 201892428 A 20160629; JP 2016069283 W 20160629; JP 2018524633 A 20160629; MX 2018013849 A 20160629; MY PI2018002414 A 20160629; US 201816234704 A 20181228; ZA 201808482 A 20181214