

Title (en)
COMPOSITE ROPE STRUCTURES AND SYSTEMS AND METHODS FOR MAKING COMPOSITE ROPE STRUCTURES

Title (de)
VERBUNDSEILKONSTRUKTIONEN UND SYSTEME UND VERFAHREN ZUR HERSTELLUNG VON VERBUNDSEILKONSTRUKTIONEN

Title (fr)
STRUCTURES DE CORDE COMPOSITES ET SYSTÈMES ET PROCÉDÉS DE FABRICATION DE STRUCTURES DE CORDE COMPOSITES

Publication
EP 2158355 A1 20100303 (EN)

Application
EP 08754562 A 20080519

Priority

- US 2008006423 W 20080519
- US 93085307 P 20070518
- US 93108807 P 20070519

Abstract (en)
[origin: US2008282664A1] A rope structure comprising a plurality of formed composite strands. Each of the formed composite strands comprises fiber material and matrix material. The fiber material within the matrix material is twisted. The shapes of the plurality of formed composite strands are predetermined to facilitate combination of the plurality of composite strands into the rope structure.

IPC 8 full level
D07B 1/02 (2006.01); **D07B 3/00** (2006.01); **D07B 5/06** (2006.01)

CPC (source: EP KR US)
D07B 1/025 (2013.01 - EP US); **D07B 1/04** (2013.01 - KR); **D07B 1/06** (2013.01 - KR); **D07B 5/12** (2013.01 - EP US); **D07B 7/145** (2013.01 - EP US); **D07B 2201/2007** (2013.01 - US); **D07B 2201/2008** (2013.01 - EP); **D07B 2201/2021** (2013.01 - EP US); **D07B 2201/2044** (2013.01 - EP US); **D07B 2201/2075** (2013.01 - EP US); **D07B 2205/2042** (2013.01 - EP US); **D07B 2205/205** (2013.01 - EP US); **D07B 2205/2053** (2013.01 - EP US); **D07B 2205/2096** (2013.01 - EP US); **D07B 2205/3007** (2013.01 - EP US); **D07B 2205/301** (2013.01 - EP US)

C-Set (source: EP US)

1. **D07B 2205/2042** + **D07B 2801/10**
2. **D07B 2205/205** + **D07B 2801/10**
3. **D07B 2205/2053** + **D07B 2801/10**
4. **D07B 2205/2096** + **D07B 2801/10**
5. **D07B 2205/3007** + **D07B 2801/10**
6. **D07B 2205/301** + **D07B 2801/10**

Citation (search report)
See references of WO 2008144048A1

Cited by
CN103132353A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
US 2008282664 A1 20081120; AU 2008254503 A1 20081127; BR PI0810296 A2 20190924; CA 2685986 A1 20081118; CN 101715500 A 20100526; EP 2158355 A1 20100303; JP 2010532430 A 20101007; KR 20100042247 A 20100423; WO 2008144048 A1 20081127

DOCDB simple family (application)
US 15407208 A 20080519; AU 2008254503 A 20080519; BR PI0810296 A 20080519; CA 2685986 A 20080519; CN 200880016552 A 20080519; EP 08754562 A 20080519; JP 2010509360 A 20080519; KR 20097026346 A 20080519; US 2008006423 W 20080519