

Title (en)
TWO-LAYER MULTI-STRAND METAL CABLE

Title (de)
ZWEISCHICHTIGES MEHRSTRÄNGIGES METALLSEIL

Title (fr)
CÂBLE MÉTALLIQUE MULTI-TORONS À DEUX COUCHES

Publication
EP 2855764 A1 20150408 (FR)

Application
EP 13726459 A 20130523

Priority
• FR 1254839 A 20120525
• EP 2013060565 W 20130523

Abstract (en)
[origin: WO2013174897A1] A two-layer multi-strand metal cable (10) comprises: - an inner layer (C1) of the cable (10) made of K>1 inner strands (TI) wound in a helix, - an unsaturated outer layer (C2) of the cable (10) consisting of L>1 outer strands (TE) wound in a helix around the inner layer (C1) of the cable (10). Each inner and outer strand (TI, TE) of the cable (10) comprises: - an inner layer of the strand (TI, TE) made of 2 inner wires, and - an outer layer of the strand (TI, TE) consisting of N outer wires wound in a helix around the inner layer of the strand (TI, TE).

IPC 8 full level
D07B 5/12 (2006.01); **D07B 1/06** (2006.01); **D07B 7/02** (2006.01)

CPC (source: CN EP KR US)
B60C 9/0007 (2013.01 - EP KR US); **B60C 9/18** (2013.01 - US); **D02G 3/48** (2013.01 - KR US); **D07B 1/06** (2013.01 - CN); **D07B 1/0613** (2013.01 - EP US); **D07B 1/0633** (2013.01 - KR US); **D07B 5/12** (2013.01 - CN EP US); **D07B 7/02** (2013.01 - CN); **D07B 7/022** (2013.01 - EP US); **D07B 1/0646** (2013.01 - EP US); **D07B 2201/1068** (2013.01 - EP US); **D07B 2201/1076** (2013.01 - EP US); **D07B 2201/1084** (2013.01 - EP US); **D07B 2201/2023** (2013.01 - EP US); **D07B 2201/2025** (2013.01 - EP US); **D07B 2201/2029** (2013.01 - EP US); **D07B 2201/2032** (2013.01 - EP US); **D07B 2201/206** (2013.01 - EP US); **D07B 2201/2061** (2013.01 - EP US); **D07B 2205/30** (2013.01 - EP US); **D07B 2205/3021** (2013.01 - EP US); **D07B 2205/3028** (2013.01 - EP US); **D07B 2205/3035** (2013.01 - EP US); **D07B 2205/3046** (2013.01 - EP US); **D07B 2205/306** (2013.01 - EP US); **D07B 2205/3071** (2013.01 - EP US); **D07B 2205/3085** (2013.01 - EP US); **D07B 2205/3089** (2013.01 - EP US); **D07B 2401/2005** (2013.01 - EP US); **D07B 2401/201** (2013.01 - EP US); **D07B 2401/2015** (2013.01 - EP US); **D07B 2401/208** (2013.01 - EP US); **D07B 2401/2085** (2013.01 - EP US); **D07B 2501/2046** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2013174897A1

Citation (examination)
JP 2001011784 A 20010116 - BRIDGESTONE CORP

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2013174897 A1 20131128; CN 104334793 A 20150204; EP 2855764 A1 20150408; FR 2990963 A1 20131129; FR 2990963 B1 20141205; JP 2015520811 A 20150723; JP 6131515 B2 20170524; KR 20150016583 A 20150212; US 2015136295 A1 20150521

DOCDB simple family (application)
EP 2013060565 W 20130523; CN 201380027113 A 20130523; EP 13726459 A 20130523; FR 1254839 A 20120525; JP 2015513172 A 20130523; KR 20147035886 A 20130523; US 201314403029 A 20130523