

Title (en)
MULTI-STRAND STEEL WIRE ROPE

Title (de)
MEHRSTRÄNGIGES STAHLDRAHTEISEL

Title (fr)
CÂBLE DE FIL D'ACIER À PLUSIEURS BRINS

Publication
EP 2094906 A1 20090902 (EN)

Application
EP 07826943 A 20071101

Priority
• IB 2007054432 W 20071101
• ZA 200609106 A 20061101

Abstract (en)
[origin: WO2008053447A1] One aspect of this invention concerns a multi-strand steel wire rope (28, 32, 36, 46, 50) comprising multiple strands (3, 10, 38) laid up helically on a core (30, 34,), characterised in that at least some of the strands are deep strands (10, 38), i.e. strands with a heightwidth ratio greater than unity. Another aspect of the invention concerns the deep strand (10, 38) itself.

IPC 8 full level
D07B 1/06 (2006.01); **D07B 5/10** (2006.01)

CPC (source: EP KR US)
D07B 1/068 (2013.01 - EP US); **D07B 1/08** (2013.01 - KR); **D07B 1/12** (2013.01 - KR); **D07B 5/10** (2013.01 - EP US);
D07B 2201/102 (2013.01 - EP US); **D07B 2201/1032** (2013.01 - EP US); **D07B 2201/104** (2013.01 - EP US); **D07B 2201/1048** (2013.01 - EP US);
D07B 2201/1052 (2013.01 - EP US); **D07B 2201/2016** (2013.01 - EP US); **D07B 2201/2023** (2013.01 - EP US);
D07B 2201/2024 (2013.01 - EP US); **D07B 2201/2037** (2013.01 - EP US); **D07B 2201/204** (2013.01 - EP US);
D07B 2201/2048 (2013.01 - EP US); **D07B 2401/2015** (2013.01 - EP US)

Citation (search report)
See references of WO 2008053447A1

Citation (examination)
• US 4106276 A 19780815 - HOSOYA KIYOSHI
• US 2620618 A 19521209 - ALEXANDRE CHAMOUX

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008053447 A1 20080508; AU 2007315696 A1 20080508; BR PI0716294 A2 20131231; CA 2668495 A1 20080508;
CN 101553616 A 20091007; EP 2094906 A1 20090902; JP 2010508450 A 20100318; KR 20090085664 A 20090807;
MX 2009004673 A 20090820; RU 2009120577 A 20101210; US 2010043381 A1 20100225; ZA 200903798 B 20100825

DOCDB simple family (application)
IB 2007054432 W 20071101; AU 2007315696 A 20071101; BR PI0716294 A 20071101; CA 2668495 A 20071101;
CN 200780040925 A 20071101; EP 07826943 A 20071101; JP 2009535176 A 20071101; KR 20097011348 A 20071101;
MX 2009004673 A 20071101; RU 2009120577 A 20071101; US 51331807 A 20071101; ZA 200903798 A 20071101