

Title (en)

COATED STEEL STRANDED CABLE, AND METHOD FOR MANUFACTURING SAME

Title (de)

BESCHICHTETES VERDRILLTES STAHLSEIL UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

CÂBLE D'ACIER TORSADÉ REVÊTU ET PROCÉDÉ POUR LE FABRIQUER

Publication

EP 2907915 A4 20160921 (EN)

Application

EP 13845159 A 20131008

Priority

- KR 20120112102 A 20121009
- KR 2013008965 W 20131008

Abstract (en)

[origin: EP2907915A2] A coated steel stranded cable including a plurality of strands, and one central strand, and a plurality of lateral strands stranded on an outside of the central strand, and the central strand and the lateral strands include, in weight%: 0.9 to 1.2% of carbon (C), 0.4 to 0.7% of manganese (Mn), 1.0 to 1.5% of silicon (Si), 0.4 to 0.7% of chromium (Cr), less than 0.01 % of phosphor (P), less than 0.01% of sulfur (S), and a residual amount of iron (F) and other inevitable impurities.

IPC 8 full level

C22C 38/02 (2006.01); **D07B 1/06** (2006.01)

CPC (source: CN EP KR)

C22C 38/02 (2013.01 - EP); **C22C 38/04** (2013.01 - EP); **C22C 38/06** (2013.01 - CN KR); **C22C 38/18** (2013.01 - EP); **D07B 1/06** (2013.01 - CN KR); **D07B 1/066** (2013.01 - CN); **D07B 1/0693** (2013.01 - EP); **D07B 1/12** (2013.01 - KR); **D07B 2201/10** (2013.01 - CN); **D07B 2201/2006** (2013.01 - EP); **D07B 2201/2023** (2013.01 - EP); **D07B 2201/2051** (2013.01 - EP); **D07B 2205/3057** (2013.01 - CN EP); **D07B 2501/203** (2013.01 - EP)

C-Set (source: EP)

1. **D07B 2205/3057** + **D07B 2801/10**
2. **D07B 2201/2051** + **D07B 2801/12**

Citation (search report)

- [A] US 4889567 A 19891226 - FUJIWARA TADAYOSHI [JP], et al
- [A] JP H04246125 A 19920902 - NIPPON STEEL CORP
- [A] US 2012070687 A1 20120322 - SHIMODA NOBUYUKI [JP], et al
- [A] NEAL: "WIRE ROPE HANDBOOK", 1 January 2009 (2009-01-01), XP055273641, Retrieved from the Internet <URL:http://igs.nigc.ir/STANDS/BOOK/HB-ROPE.PDF> [retrieved on 20160519]
- See references of WO 2014058200A2

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 2907915 A2 20150819; **EP 2907915 A4 20160921**; CN 104755671 A 20150701; KR 101420281 B1 20140814; KR 20140046657 A 20140421; WO 2014058200 A2 20140417; WO 2014058200 A3 20140619

DOCDB simple family (application)

EP 13845159 A 20131008; CN 201380052568 A 20131008; KR 20120112102 A 20121009; KR 2013008965 W 20131008