

Title (en)
STEEL CORD COMPRISING LAYERS HAVING HIGH PENETRABILITY

Title (de)
STAHLSEIL MIT SCHICHTEN MIT HOHER DURCHLÄSSIGKEIT

Title (fr)
CÂBLE MÉTALLIQUE À COUCHES À HAUTE PÉNÉTRABILITÉ

Publication
EP 2931966 A2 20151021 (FR)

Application
EP 13803069 A 20131213

Priority
• FR 1262088 A 20121214
• EP 2013076561 W 20131213

Abstract (en)
[origin: WO2014090996A2] The invention relates to a steel cord (30) comprising cylindrical layers, said cord including: an inner layer (C1) formed by M wires, an intermediate layer (C2) formed by N wires helically wound around the inner layer (C1), and an outer layer (C3) formed by P wires helically wound around the intermediate layer (C2), in which the inter-wire distance D2 of the wires of the intermediate layer (C2) is greater than or equal to 25 µm and the inter-wire distance D3 of the wires of the outer layer (C3) is greater than or equal to 25 µm.

IPC 8 full level
D07B 1/06 (2006.01)

CPC (source: CN EP US)
B60C 9/0007 (2013.01 - US); **D02G 3/12** (2013.01 - US); **D02G 3/36** (2013.01 - US); **D02G 3/38** (2013.01 - US); **D02G 3/446** (2013.01 - US); **D02G 3/48** (2013.01 - US); **D07B 1/0633** (2013.01 - CN EP US); **D07B 1/0613** (2013.01 - CN EP US); **D07B 1/0626** (2013.01 - CN EP US); **D07B 1/14** (2013.01 - CN EP US); **D07B 5/12** (2013.01 - CN EP US); **D07B 2201/2002** (2013.01 - CN EP US); **D07B 2201/2003** (2013.01 - CN EP US); **D07B 2201/2004** (2013.01 - CN EP US); **D07B 2201/2005** (2013.01 - CN EP US); **D07B 2201/2006** (2013.01 - CN EP US); **D07B 2201/2011** (2013.01 - CN EP US); **D07B 2201/2027** (2013.01 - CN EP US); **D07B 2201/2029** (2013.01 - CN EP US); **D07B 2201/203** (2013.01 - CN EP US); **D07B 2201/2031** (2013.01 - CN EP US); **D07B 2201/2036** (2013.01 - CN EP US); **D07B 2201/2037** (2013.01 - CN EP US); **D07B 2201/204** (2013.01 - CN EP US); **D07B 2201/2051** (2013.01 - CN EP US); **D07B 2201/206** (2013.01 - CN US); **D07B 2201/2061** (2013.01 - CN EP US); **D07B 2201/2081** (2013.01 - CN EP US); **D07B 2201/2095** (2013.01 - CN EP US); **D07B 2201/2097** (2013.01 - CN EP US); **D07B 2205/3021** (2013.01 - CN EP US); **D07B 2205/3028** (2013.01 - CN EP US); **D07B 2205/3035** (2013.01 - CN EP US); **D07B 2205/3042** (2013.01 - CN EP US); **D07B 2205/306** (2013.01 - CN EP US); **D07B 2205/3067** (2013.01 - CN EP US); **D07B 2205/3071** (2013.01 - CN EP US); **D07B 2205/3089** (2013.01 - CN EP US); **D07B 2205/3092** (2013.01 - CN EP US); **D07B 2401/207** (2013.01 - CN EP US); **D07B 2401/208** (2013.01 - CN EP US); **D07B 2501/2046** (2013.01 - CN EP US); **Y10T 428/12333** (2015.01 - EP US)

Citation (search report)
See references of WO 2014090996A2

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 2014090996 A2 20140619; **WO 2014090996 A3 20140807**; CN 104854274 A 20150819; CN 104854274 B 20171010; EP 2931966 A2 20151021; FR 2999614 A1 20140620; FR 2999614 B1 20150821; JP 2016504502 A 20160212; KR 20150094727 A 20150819; US 2015329995 A1 20151119

DOCDB simple family (application)
EP 2013076561 W 20131213; CN 201380064773 A 20131213; EP 13803069 A 20131213; FR 1262088 A 20121214; JP 2015547049 A 20131213; KR 20157018469 A 20131213; US 201314651713 A 20131213