

Title (en)

Wire rope and a insert for its splice area

Title (de)

Drahtseil sowie ein Zwischenstück für dessem verspleissten Bereich

Title (fr)

Câble en acier et pièce intermédiaire dans la région d'épissure

Publication

EP 2708642 A3 20150408 (DE)

Application

EP 13183006 A 20130904

Priority

CH 17272012 A 20120917

Abstract (en)

[origin: EP2708642A2] The rope (10) has strands (15) formed from stranded wires (16). The strands are stranded around a plastic core (11). Elongate inserts (12) are arranged between the strands. The inserts are extended approximately upto an outer circumference of the rope. The inserts include a radius, which is adapted to the strands, in a region staying in contact with the strands. The stranded strands directly lie on the plastic core over a preset circumference region (11'). The inserts are arranged with a distance (a) to the plastic core on an inner side. An independent claim is also included for an intermediate piece.

IPC 8 full level

D07B 1/16 (2006.01)

CPC (source: EP)

D07B 1/167 (2013.01); **D07B 7/169** (2015.07); **D07B 2201/2048** (2013.01); **D07B 2201/2053** (2013.01); **D07B 2201/2065** (2013.01); **D07B 2205/2003** (2013.01); **D07B 2501/2076** (2013.01)

Citation (search report)

- [Y] GB 2090305 A 19820707 - SHINKO WIRE CO LTD
- [A] EP 1457596 A2 20040915 - GOODYEAR TIRE & RUBBER [US], et al
- [A] DE 2259022 A1 19730830 - DIETZ GERHARD
- [A] GB 191027736 A 19110518 - GORE THOMAS [US]
- [X] US 3220074 A 19651130 - EHMANN LESLIE G
- [YA] US 3934397 A 19760127 - BLACK BOYD C
- [YA] CH 271345 A 19501031 - SCHWEIZERISCHE SEIL IND AG VOR [CH]
- [Y] "Seilbahntechnik", 1 April 1999, FML - LEHRSTUHL FÜR FÖRDERTECHNIK MATERIALFLUSS LOGISTIK - TECHNISCHE UNIVERSITÄT MÜNCHEN, München, article WILLIBALD A. GÜNTNER: "Seilbahntechnik", pages: 1 - 127, XP055087295
- [Y] "AUF DIE SEELE KOMMT ES AN", INTERNATIONALE SEILBAHN RUNDSCHAU.REVUE INTERNATIONALE DES TELEPHERIQUES, BOHMANN, WIEN, AT, no. 1, 1 February 1993 (1993-02-01), pages 8 - 10, XP000345581

Cited by

EP2818594A3; US9593446B2; WO2019016368A1; WO2019016390A1

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)

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DOCDB simple family (application)

EP 13183006 A 20130904; CH 17272012 A 20120917; CN 201310618296 A 20130917; EP 17175841 A 20130904; ES 17175841 T 20130904; JP 2013191374 A 20130917