

Title (en)

Wire rope with several strands and method and device for introducing a support strand

Title (de)

Drahtseil mit mehreren Litzen sowie Verfahren und Vorrichtung zum Einbringen einer Stützlitze

Title (fr)

Câble métallique à plusieurs torons et procédé et dispositif pour introduire un toron de support

Publication

EP 1321568 A3 20041124 (DE)

Application

EP 02450283 A 20021217

Priority

AT 9672001 U 20011220

Abstract (en)

[origin: EP1321568A2] A splice in a multi-strand wire cable includes plastic support strands (6) that are inserted between adjacent wire strands (2). The plastic strands deform to take up the space between the wire strands and prevent chafing, especially when cable is bent while passing over pulleys. Independent claims are also included for: (1) the process of inserting support strands where the wire strands are pushed apart by shaped rollers (7), which have a groove (9) and a concave flank (10), so that the plastic strand can be inserted. A split frame carries three rollers and strand supply reels, and is turned by hand to move in a spiral path along the cable splice. The process is then repeated for the other three strands.; and (2) the apparatus for carrying it out.

IPC 1-7

D07B 1/06; **D07B 7/18**

IPC 8 full level

D07B 7/18 (2006.01)

CPC (source: EP)

D07B 7/167 (2013.01); **D07B 7/169** (2015.07); **D07B 7/182** (2015.07); **D07B 7/165** (2013.01); **D07B 2201/2052** (2013.01); **D07B 2201/2055** (2013.01); **D07B 2201/2061** (2013.01)

Citation (search report)

- [A] DE 3237733 A1 19840412 - SAAR GMBH DRAHTSEILWERK [DE]
- [A] FR 2724398 A1 19960315 - POMAGALSKI SA [FR]
- [A] EP 1001075 A2 20000517 - TEUFELBERGER SEIL GMBH [AT]
- [A] US 2019519 A 19351105 - ALLYN WOOD HENRY
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Cited by

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