

Title (en)
Grommet with jacket

Title (de)
Endlosseil mit Mantel

Title (fr)
Boucle d'assurance avec une gaine

Publication
EP 2631359 A3 20140212 (DE)

Application
EP 13155079 A 20130213

Priority
CH 2352012 A 20120223

Abstract (en)
[origin: EP2631359A2] The rope (100) has loops (112, 113) formed such that the rope is fixed with the loops at respective anchorage points. Fibers (110) in a portion (S) of the rope are embedded into a shaping matrix material (120) e.g. duroplastic material and/or thermoplastic material and/or elastomer, so that the rope in a region of the portion exhibits a defined and fixed cross section area and -form. The fibers are connected to form the rope. A large portion of the fibers embedded in the matrix material runs elongated to each other in an untwisted manner, where the matrix material comprises silicone. An independent claim is also included for a method for manufacturing a high safety rope.

IPC 8 full level
D07B 1/18 (2006.01)

CPC (source: EP)
D07B 1/18 (2013.01); **D07B 2201/104** (2013.01); **D07B 2201/1092** (2013.01); **D07B 2201/2024** (2013.01); **D07B 2201/2081** (2013.01); **D07B 2201/2086** (2013.01); **D07B 2201/2087** (2013.01); **D07B 2205/2096** (2013.01); **D07B 2205/3017** (2013.01)

Citation (search report)

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- [XI] US 4243118 A 19810106 - LANDRY MILTON E
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- [XY] WO 2006085881 A1 20060817 - OTIS ELEVATOR CO [US], et al
- [A] DE 9015213 U1 19910117
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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)
EP 2631359 A2 20130828; EP 2631359 A3 20140212; EP 2631359 B1 20181226; CH 706170 A2 20130830

DOCDB simple family (application)
EP 13155079 A 20130213; CH 2352012 A 20120223