

Title (en)
Wire rope and method of manufacturing the same

Title (de)
Drahtseil sowie ein Verfahren zu dessen Herstellung

Title (fr)
Câble en acier et son procédé de fabrication

Publication
EP 2818594 A3 20150311 (DE)

Application
EP 14167365 A 20140507

Priority
CH 11932013 A 20130628

Abstract (en)
[origin: CN104250941A] Disclosed are a wire rope and a method of producing same. The wire rope comprising at least one plastic core (11) and a number of wire strands (15) twisted around the latter a helical groove (20) is respectively produced by machining around the periphery of the plastic core (11) for each wire strand (15). The cross section of these helical grooves (20) is respectively matched to the outside diameter of the wire strands (15). The plastic core (11) is provided with the helical grooves (20) for receiving the wire strands (15) by this machining directly before the wire strands (15) are wound onto said core. By thus forming the wire rope by means of this machining in order to produce helical grooves of the plastic core, optimal guiding of the wire strands in the twisted state is achieved, and so overall there are improvements to the properties of the wire rope.

IPC 8 full level
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Citation (search report)

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Designated extension state (EPC)
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