Title (en)

ROPE AND METHOD FOR PRODUCING A ROPE

Title (de)

SEIL UND VERFAHREN ZUR HERSTELLUNG EINES SEILS

Title (fr)

CÂBLE ET PROCÉDÉ DE FABRICATION D'UN CÂBLE

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Application

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Abstract (en)

[origin: WO2016138893A1] The invention relates to a method for producing a rope (1), wherein fibre bundles (2) are applied with a liquefied matrix material (5) upstream of and/or at a twisting point to form fibre strands (3), and are embedded into the liquefied matrix material (5) during stranding, by means of which fibre strands (3) a fibre core (6) of the rope (1) is formed and wires or wire strands (7) are wound about the fibre core (6). According to the invention, the matrix material of the fibre strands is hardened after the stranding, and the fibre strands (3) are subsequently stranded directly with one another without further application to form the fibre core (6). Preferably the fibre strands (3) are heated, during or after the stranding thereof to form the fibre core (6), in such a way that the matrix material (5) softens at least individual fibre strands (3), preferably all the fibre strands (3), another of the fibre strands (3) is connected with the matrix material (5), and is subsequently hardened, forming an integral bond with one another. The invention also relates to a rope produced according to the method.

IPC 8 full level

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