

Title (en)
ROPE-LIKE STRUCTURE

Title (de)
SEILARTIGES GEBILDE

Title (fr)
PRODUIT DE TYPE CABLE

Publication
EP 1430176 B1 20060510 (DE)

Application
EP 02764469 A 20020924

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Abstract (en)
[origin: WO03027383A1] The invention relates to rope-like structures, in particular, kernmantel ropes, cords and cables in which the individual fibres, threads or thread bundles (5, 5', 6, 6') are connected to each other such that the above are non-slip relative to each other. Such rope-like bodies have an improved resistance to extension and an improved knot stability. Kernmantel ropes (10) have a proportion of the core fibres (5') in the sheath region (2) and connected therein to the sheath fibres (6), whilst a proportion of the sheath fibres (6') lie in the core region (1) and are connected therein to the core fibres (5), such that the at least one sheath (4) is fixed to the at least one core (1), such that the above are non-slip relative to each other. Cords and cables with similar properties are disclosed. Such ropes are applicable in the field of work security, in water, sailing and mountain sports and for the fire service, army, police and rescue units as well as in Jacquard machines.

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