



G00002

- 13 -

Sheathed Synthetic Fiber Rope

Abstract



162162

5 On a sheathed synthetic fiber rope (1) consisting of
concentric layers (5, 7) of load-bearing synthetic fiber
strands (2, 4, 7), preferably of aramide fibers, laid
together it is proposed to lay in the outermost layer of
strands (11) load-bearing aramide fiber strands (9) with
10 anchoring means which, after suitable pre-treatment, enter
into a permanent bond with the sheath of synthetic material
when it is extruded. The anchoring means (13) can be of
weldable or vulcanizable material and take the form of
strands (13) or rope fibers. By means of the anchoring means
15 (13) bonded with positive fit to the outermost layer of
strands (11) a permanent fastening of the synthetic sheath
(14) onto the stranded rope (1) is achieved.

Figure 1