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Ropes.

Title (de)
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Application
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Abstract (en)
A rope assembly comprises a plurality of ropes encased in a braided sheath, in which each rope is formed of at least two strands. One rope assembly of the invention comprises 18 3-strand laid ropes encased in a sheath of 24 millimetres nominal diameter. This sheath consists of 16 plaits each having 18 yarns per plait. Each sheath yarn is made of 4.5 lea staple which is spun at a twist of 3.0 turns per inch. Each of the encased ropes forming the core is made of yarns which are based on I.C.I. fibres Type 125 continuous filament polyester yarn. The rope assembly has an average breaking load of 15.34 tonnes and a flex angle of 60 DEG . The weight of the finished rope at check load is 41.6 kilogrammes per 100 metres. In another rope assembly of the invention four 3-strand laid ropes 2 are encased in a braided sheath 4.

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