

Title (en)  
TENSION MEMBER

Title (de)  
ZUGGLIED

Title (fr)  
ELEMENT TENDEUR

Publication  
**EP 0993519 A1 20000419 (EN)**

Application  
**EP 98932383 A 19980706**

Priority  
• GB 9801988 W 19980706  
• GB 9714171 A 19970704

Abstract (en)  
[origin: WO9901605A1] A tension member (1) comprises a core of load-bearing elements (2), a protective braided cover (5), and a filter layer (4) which may comprise a polypropylene needlefelt fabric or meltblown material. The filter layer (4) prevents particles of a size greater than e.g. 2 microns from entering the core and abrading the load-bearing elements (2), whilst allowing the ingress of water for cooling purposes. The filter layer (4) may be sandwiched between layers of water impermeable material which have offset openings therein, so that the water passes along a length portion of the filter layer (4) before entering the core. The filter layer (4) may comprise water impermeable material having openings therein across which is filter material, and may be provided on the outside of the braided cover (5).

IPC 1-7  
**D07B 1/14**

IPC 8 full level  
**D07B 1/14** (2006.01); **E21B 33/035** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
See references of WO 9901605A1

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