

Title (en)

ENHANCEMENT OF PROFILED TUBULAR LINING SYSTEMS BY CHANNEL AUGMENTATION

Title (de)

VERBESSERUNG VON PROFILIERTEN ROHRAUSKLEIDUNGSSYSTEMEN DURCH LEISTUNGSaufWEITUNG

Title (fr)

AMELIORATION DE SYSTEMES TUBULAIRES A CHEMISE PROFILEE GRACE A UNE AUGMENTATION DES CONDUITS

Publication

**EP 1105668 A4 20051123 (EN)**

Application

**EP 99938810 A 19990728**

Priority

- US 9916968 W 19990728
- US 9432698 P 19980728

Abstract (en)

[origin: WO0006933A2] A tubular system made up of a tubular, a liner in the tubular, and longitudinally oriented members, which may be disposed within channels in the liner. The members advantageously may be used for pulling a liner into a host tubular, and/or maintaining the structural strength of the liner. The members are continuous along the length of the plastic-lined tubular, and if applicable, through intermediary joints. The channels may be in the inner and/or outer surfaces of the liner. The members may be usable for carrying electrical current or signals, fiberoptic signals, or data communications; for heating the liner; and/or for detecting faults in the liner and/or the host tubular.

[origin: WO0006933A2] A tubular system made up of a tubular (10), a liner (12) in the tubular (10), and longitudinally oriented members (15, 16, and 17), which may be disposed within the channels in the liner. The members advantageously may be used for pulling a liner into a host tubular, and/or maintaining the structural strength of the liner (12). The members are continuous along the length of the plastic-lined tubular (10), and if applicable, through intermediary joints. The channels may be in the inner and/or outer surfaces of the liner (12). The members may be usable for carrying electrical current or signals, fiberoptic signals, or data communications; for heating the liner; and/or for detecting faults in the liner and/or the host tubular (10).

IPC 1-7

**F16L 1/00**; **B29C 63/34**; **H02G 9/06**

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Citation (search report)

- [A] US 5305798 A 19940426 - DRIVER F THOMAS [US]
- [A] EP 0158416 A1 19851016 - WATER RES CENTRE [GB]
- [A] DE 4227464 A1 19930225 - INTEGRAL CORP [US]
- [A] US 5778938 A 19980714 - CHICK DOUGLAS K [GB], et al
- [A] WO 9520125 A1 19950727 - INSITUFORM TECH LTD [GB], et al
- See references of WO 0006933A2

Designated contracting state (EPC)

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