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(54) **Coiled tubing with an electrical cable for a down-hole pumping system and methods for manufacturing and installing such a system**

(57) A method for manufacturing electrical power cable within coil tubing (12) by integrating the installation of the electrical power cable (13) with the manufacture of the coil tubing (12). The present invention includes an electrical power cable (13) with sufficient thermal insulation to withstand the temperatures associated

with the tubing manufacturing process. Following installation of the cable assembly in the coil tubing (12), the coil tubing (12) may be transported to an application site, and coupled to equipment, such as a submersible pumping system. The submersible pumping system may then be deployed by extension of the coil tubing (12) and cable assembly.

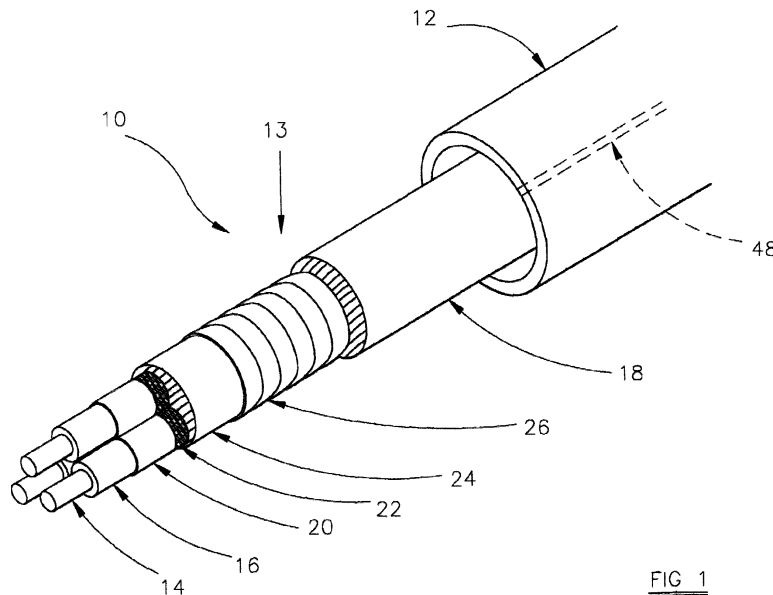


FIG 1



European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 00 30 1709

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The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 26 November 2001	Examiner Giorgini, G
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82