

Title (en)

MULTI CONDUCTOR ARRANGEMENT FOR TRANSFERRING ENERGY AND/OR DATA

Title (de)

MEHRLEITERANORDNUNG ZUR ENERGIE- UND/ODER DATENÜBERTRAGUNG

Title (fr)

SYSTEME A PLUSIEURS CONDUCTEURS POUR LA TRANSMISSION D'ENERGIE ET/OU DE DONNEES

Publication

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Application

**EP 02737794 A 20020415**

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Abstract (en)

[origin: WO02086914A2] The invention relates to a multi conductor (L) arrangement for transferring energy and/or data. Said system contains a plurality of conductor elements (1i) respectively comprising a conductor (1A) which is surrounded by an insulation (2) and an insulating sleeve (3), said conductor elements being mechanically connected to each other. Means (12) for contacting the conductive elements are also provided. According to the invention, the system is provided with a flexible tubular or pipe-shaped support (10) made of an insulating material having a maximum thickness (D) of 1 mm, the conductive elements (1I) are arranged on the inside wall of said support, and the insulating sleeves (3) of said conductive elements have a respective thickness (d) which is at the most equal to the thickness (D) of the support. A thermoplastic elastomer is preferably used as an insulating material.

IPC 8 full level

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