

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

EP 1380037 A2 20040114 (DE)

Application

EP 02737794 A 20020415

Priority

- DE 0201392 W 20020415
- DE 10119653 A 20010420

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 1-7

H01B 7/38; **H01B 9/00**

IPC 8 full level

H01B 7/08 (2006.01); **H01B 7/38** (2006.01); **H01B 9/00** (2006.01)

CPC (source: EP US)

H01B 7/0892 (2013.01 - EP US); **H01B 7/38** (2013.01 - EP US); **H01B 9/003** (2013.01 - EP US)

Citation (search report)

See references of WO 02086914A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02086914 A2 20021031; **WO 02086914 A3 20030320**; DE 10119653 C1 20030320; DE 50208650 D1 20061221; EP 1380037 A2 20040114; EP 1380037 B1 20061108; US 2005006133 A1 20050113; US 6881903 B2 20050419

DOCDB simple family (application)

DE 0201392 W 20020415; DE 10119653 A 20010420; DE 50208650 T 20020415; EP 02737794 A 20020415; US 38179603 A 20030328