

Title (en)  
Mixed communication and power cable

Title (de)  
Gemischtes Nachrichten- und Energiekabel

Title (fr)  
Câble mixte de communication et d'énergie

Publication  
**EP 0577467 B1 19961016 (FR)**

Application  
**EP 93401580 A 19930621**

Priority  
FR 9207965 A 19920629

Abstract (en)  
[origin: EP0577467A1] The present invention relates to a hybrid cable for transmitting data and transmitting power, comprising two multistrand power conductors (2, 11) and a plurality of insulated multistrand electrical data-transmission conductors (6). The first power conductor (2) occupies an axial position along the cable (1) and is covered by a first insulating jacket (5) and then by the data-transmission conductors (6) wound helically around the latter. Moreover, the strands (10) forming the second power conductor (11) are wound helically over a second insulating jacket (9) covering the data-transmission conductors (6). Finally, an outer protective sheath (13, 14) surrounds the second power conductor (11). <IMAGE>

IPC 1-7  
**H01B 9/00; H01B 9/04**

IPC 8 full level  
**H01B 9/00** (2006.01); **H01B 9/04** (2006.01)

CPC (source: EP)  
**H01B 9/003** (2013.01); **H01B 9/04** (2013.01)

Cited by  
CN102969062A; AU776889B2; GB2302184A; GB2302184B; EP2765100A1; CH695967A5; CN100405508C; AU2003215483B2; US6631095B1; WO2007045345A1; WO0104911A1; WO03083879A1

Designated contracting state (EPC)  
BE DE FR GB

DOCDB simple family (publication)  
**EP 0577467 A1 19940105; EP 0577467 B1 19961016**; DE 69305432 D1 19961121; DE 69305432 T2 19970213; FR 2693024 A1 19931231; FR 2693024 B1 19940819

DOCDB simple family (application)  
**EP 93401580 A 19930621**; DE 69305432 T 19930621; FR 9207965 A 19920629