

Title (en)  
HYBRID TELECOMMUNICATION CABLE

Title (de)  
HYBRIDES NACHRICHTENKABEL

Title (fr)  
CABLE DE TELECOMMUNICATION HYBRIDE

Publication  
**EP 0985217 A1 20000315 (EN)**

Application  
**EP 98924671 A 19980525**

Priority  
• NL 9800294 W 19980525  
• NL 1006165 A 19970529

Abstract (en)  
[origin: WO9854732A1] A hybrid telecommunication cable comprises four electric conductors (3.1 to 3.4 inclusive) in a balanced quad-group configuration included within a cable jacket (1). In a central cavity (6) between the four electric conductors and/or in peripheral cavities (8.1 to 8.4 inclusive), there is included an optical conductor (7). The optical conductor is an optical fibre (7.1), which is partially thickened up with a fixed sheathing (7.2) up to a maximum diameter (d3) which is smaller than a standard diameter (d3s). Advantage: optical conductor may be included in the cable without increasing the diameter (d) of the cable and disturbing the balanced quad-group configuration, or facilitates the design of cables with a smaller diameter.

IPC 1-7  
**H01B 11/22**; **G02B 6/44**

IPC 8 full level  
**G02B 6/44** (2006.01); **H01B 11/22** (2006.01)

CPC (source: EP)  
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Citation (search report)  
See references of WO 9854732A1

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NL

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