

Title (en)

COMMUNICATION CABLE WITH IMPROVED TENSILE MEMBER

Title (de)

NACHRICHTENKABEL MIT VERBESSERTEM ZUGAUFNEHMENDEN ELEMENT

Title (fr)

CABLE DE COMMUNICATION POURVU D'UN ELEMENT RESISTANT AMELIORE

Publication

EP 1019766 A1 20000719 (EN)

Application

EP 98950101 A 19981001

Priority

- EP 98950101 A 19981001
- EP 9806248 W 19981001
- EP 97203108 A 19971007

Abstract (en)

[origin: EP0908748A1] A communication cable (10) comprises optical fibres (16) for the transmission of information and a tensile member for preventing the optical fibres (16) from being put under load. The tensile member is a single steel wire (12) or an open steel strand of two to five steel wires (24, 26, 30). The tensile member is covered with a synthetic coating (14). The adhesion between the tensile member and the synthetic coating is so strong that in a standard adhesion test only small strips of synthetic coating with a length less than 1 cm can be pulled off manually from the coated tensile member so that the production of hydrogen is limited. <IMAGE>

IPC 1-7

G02B 6/44

IPC 8 full level

G02B 6/44 (2006.01)

CPC (source: EP)

G02B 6/441 (2013.01); **G02B 6/4434** (2013.01); **G02B 6/44382** (2023.05)

Citation (search report)

See references of WO 9918464A1

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 0908748 A1 19990414; BR 9812900 A 20000808; BR 9812900 B1 20091201; CN 1280678 A 20010117; EP 1019766 A1 20000719; WO 9918464 A1 19990415

DOCDB simple family (application)

EP 97203108 A 19971007; BR 9812900 A 19981001; CN 98811753 A 19981001; EP 9806248 W 19981001; EP 98950101 A 19981001