

Title (en)
ELECTRICAL SIGNAL LINE CABLE ASSEMBLY

Title (de)
ELEKTRISCHE SIGNALKABELANORDNUNG

Title (fr)
ENSEMBLE DE CABLES POUR LIGNES DE SIGNAUX ELECTRIQUES

Publication
EP 0995200 A1 20000426 (EN)

Application
EP 99920860 A 19990510

Priority
• EP 99920860 A 19990510
• EP 9903178 W 19990510
• EP 98108529 A 19980511

Abstract (en)
[origin: EP0962945A1] The invention relates to an electrical signal cable assembly (10) having a subcable assembly (40, 60) cylindrically arranged around a central axis (15). The subcable assembly (40, 60) comprises a plurality of flat cables (45), each one of which has a plurality of coplanar electrical signal conductors encased within and separated at a pitch distance (a) from each other by a flat cable insulator (120). The flat cables (45) are either cylindrically braided or cylindrically surfed about the central axis (15). The flat cable insulator (120) is formed in the preferred embodiment of the invention from an upper insulator (120a) laminated to a lower insulator (120b) and is made from expanded polytetrafluoroethylene (ePTFE).
<IMAGE>

IPC 1-7
H01B 7/08

IPC 8 full level
H01B 7/08 (2006.01); **H01B 11/00** (2006.01); **H01B 11/06** (2006.01)

CPC (source: EP KR)
H01B 7/08 (2013.01 - KR); **H01B 7/0892** (2013.01 - EP)

Citation (search report)
See references of WO 9959162A1

Designated contracting state (EPC)
CH DE ES FR GB IT LI SE

DOCDB simple family (publication)
EP 0962945 A1 19991208; AU 3828199 A 19991129; AU 4039599 A 19991129; AU 4140599 A 19991129; AU 4259199 A 19991129; CN 1266530 A 20000913; CN 1266531 A 20000913; EP 0995200 A1 20000426; EP 0995201 A1 20000426; EP 0995202 A1 20000426; JP 2002515629 A 20020528; JP 2002515630 A 20020528; JP 2002515631 A 20020528; JP 2002515632 A 20020528; KR 20010021661 A 20010315; KR 20010021662 A 20010315; WO 9959162 A1 19991118; WO 9959163 A1 19991118; WO 9959164 A1 19991118; WO 9959165 A1 19991118

DOCDB simple family (application)
EP 98108529 A 19980511; AU 3828199 A 19990510; AU 4039599 A 19990510; AU 4140599 A 19990510; AU 4259199 A 19990510; CN 99800680 A 19990510; CN 99800681 A 19990510; EP 9903178 W 19990510; EP 9903179 W 19990510; EP 9903180 W 19990510; EP 9903181 W 19990510; EP 99920860 A 19990510; EP 99924916 A 19990510; EP 99950371 A 19990510; JP 2000548888 A 19990510; JP 2000548889 A 19990510; JP 2000548890 A 19990510; JP 2000548891 A 19990510; KR 20007000219 A 20000110; KR 20007000220 A 20000110