Title (en)

Flexible electrical power line

Title (de)

Flexible elektrische Starkstromleitung

Title (fr)

Ligne électrique flexible à courant fort

Publication

EP 1041585 A3 20010131 (DE)

Application

EP 00400619 A 20000307

Priority

DE 19914924 A 19990401

Abstract (en)

[origin: EP1041585A2] The cable has a central core (3), power wires (1) laid around the core and at least one control line also laid around the co At least one data line (4) is enclosed by a screening mesh of metal wires with an optical coverage of at least 85 per cent with flat pitch angle of between 50 and 60 degrees. The mesh screening the power wires has an optical coverage of at least 80 per cen and the core has a central traction element (14) enclosed by a casing (15) of curable material with indentations (16) for wires. An Independent claim is also included for a method of manufacturing a flexible electric high current cable.

IPC 1-7

H01B 9/00

IPC 8 full level

H01B 9/00 (2006.01); H01B 7/18 (2006.01)

CPC (source: EP)

H01B 9/003 (2013.01); H01B 7/1895 (2013.01)

Citation (search report)

- [A] EP 0809259 A2 19971126 - ALSTHOM CGE ALCATEL [FR]
- [A] DE 29519082 U1 19960118 - ALCATEL KABEL AG [DE]
- [AD] DE 29613870 U1 19960926 - ALCATEL KABEL AG [DE]

Cited by

EP1327994A3; EP1863040A3; EP2019394A1; EP1429348A1; FR2848719A1; EP2500379A1; US8071880B2; EP2031604A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1041585 A2 20001004; **EP 1041585 A3 20010131**; **EP 1041585 B1 20041027**; AT E280994 T1 20041115; DE 19914924 A1 20001005; DE 50008378 D1 20041202

DOCDB simple family (application)

EP 00400619 A 20000307; AT 00400619 T 20000307; DE 19914924 A 19990401; DE 50008378 T 20000307