

Title (en)

Communication cable and method for manufacturing same

Title (de)

Datenübertragungskabel sowie Verfahren zur Herstellung eines Datenübertragungskabels

Title (fr)

Câble de transmission de données ainsi que procédé de fabrication d'un câble de transmission de données

Publication

EP 2112669 A3 20120404 (DE)

Application

EP 09005392 A 20090415

Priority

DE 102008019968 A 20080421

Abstract (en)

[origin: EP2112669A2] The cable (2) has a pair of wires (4) formed of another pair of wires (6) lying parallel to each other with an electrical conductor (8), which is surrounded by an insulation (10). The wires (4) are sheathed over its length by a foil (12) i.e. plastic-coated aluminum foil, with an electrically conducting inner side (14) and an electrically conducting outer side (16). The foil has a longitudinal fold (18) so that the inner side is arranged outwards. An additional wire (20) is provided on the foil. The wire (20) is fixed between the foil and a casing (22) i.e. adhesive film. An independent claim is also included for a method for producing a data transmission cable.

IPC 8 full level

H01B 11/10 (2006.01); **H01B 11/00** (2006.01)

CPC (source: EP US)

H01B 11/203 (2013.01 - EP US); **H01B 11/1091** (2013.01 - EP US)

Citation (search report)

- [Y] US 2003150633 A1 20030814 - HIRAKAWA YOSHIHIRO [JP], et al
- [Y] US 4737598 A 19880412 - O'CONNOR LAWRENCE [CA]
- [A] EP 0301859 A2 19890201 - KT TECHNOLOGIES INC [BB]
- [AD] US 4323721 A 19820406 - KINCAID JOHN W, et al
- [A] US 4912283 A 19900327 - O'CONNOR LAWRENCE J [CA]

Cited by

DE102015221906A1; WO2015162297A1; WO2016012213A1; CN106373652A; DE102014214726B3; CN106463212A; CN106471586A; WO2017084835A1; WO2017076984A1; WO2015158726A1; US10178762B2; DE102013225794A1; WO2015086833A1; US9887496B2; US9741469B2; US10438724B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2112669 A2 20091028; EP 2112669 A3 20120404; DE 102008019968 A1 20091022; US 2009260847 A1 20091022

DOCDB simple family (application)

EP 09005392 A 20090415; DE 102008019968 A 20080421; US 42738909 A 20090421