

Title (en)

DATA CABLE FOR HIGH-SPEED DATA TRANSMISSIONS

Title (de)

DATENKABEL FÜR HIGH-SPEED DATENÜBERTRAGUNGEN

Title (fr)

CÂBLE DE DONNÉES POUR TRANSMISSIONS DE DONNÉES À HAUT DÉBIT

Publication

EP 3172741 A1 20170531 (DE)

Application

EP 15742187 A 20150701

Priority

- DE 102014214726 A 20140725
- EP 2015065034 W 20150701

Abstract (en)

[origin: CA2954080A1] The data cable (22) for high-speed data transmissions comprises at least one conductor pair (2) that consists of conductors (4) extending in the longitudinal direction (17) and being surrounded by a shielding foil (14) to give a pair shielding unit (10), a dielectric intermediate foil (12), having a varying lay length (l), being spun around the conductor pair (2) between the shielding foil (14) and the conductor pair (2). In this way, a damping peak at high transmission frequencies is effectively avoided.

IPC 8 full level

H01B 11/00 (2006.01); **H01B 11/20** (2006.01)

CPC (source: CN EP US)

H01B 11/002 (2013.01 - US); **H01B 11/203** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2016012213A1

Cited by

EP3882931A1; WO2021185983A1; DE212021000163U1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102014214726 B3 20151015; CA 2954080 A1 20160128; CA 2954080 C 20200107; CN 106471586 A 20170301; CN 106471586 B 20180522; EP 3172741 A1 20170531; EP 3172741 B1 20180912; JP 2017524226 A 20170824; JP 6374091 B2 20180815; PL 3172741 T3 20190628; US 2017133125 A1 20170511; US 9741469 B2 20170822; WO 2016012213 A1 20160128

DOCDB simple family (application)

DE 102014214726 A 20140725; CA 2954080 A 20150701; CN 201580035355 A 20150701; EP 15742187 A 20150701; EP 2015065034 W 20150701; JP 2017503835 A 20150701; PL 15742187 T 20150701; US 201715414885 A 20170125