

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 B1 20180912 (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)

Cited by

EP3882931A1; WO2021185983A1; DE212021000163U1

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DOCDB simple family (publication)

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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