

Title (en)

Data cable and manufacturing method of data cables

Title (de)

Datenkabel und Verfahren zum Herstellen von Datenkabeln

Title (fr)

Câble de données et procédé de fabrication de câbles de données

Publication

EP 0828259 A3 19981230 (DE)

Application

EP 97102913 A 19970221

Priority

DE 19636287 A 19960906

Abstract (en)

[origin: EP0828259A2] The data transmission cable four twisted pair data lines 4-7 that are embedded within a stable flexible plastic 8 that ensures that the relative position of the lines remains unchanged. The cable is completed by a screening layer 3 and an insulating layer 2. Each of the data cores has a twisted pair of wires 17, 18 set into a sleeve 9 of plastic, eg polyethylene, together with an outer layer of screening material. The arrangement provides an impedance that gives an attenuation of 17db at a frequency of 100MHz.

IPC 1-7

H01B 11/02

IPC 8 full level

H01B 11/00 (2006.01); **H01B 11/02** (2006.01)

CPC (source: EP)

H01B 11/002 (2013.01); **H01B 11/02** (2013.01)

Citation (search report)

- [X] DE 1019727 B 19571121 - SIEMENS AG
- [X] US 5313020 A 19940517 - SACKETT JAMES A [US]

Cited by

EP1087410A3; EP1107364A3; EP2800105A1; US6355876B1; EP3799080A1; US7214882B2; EP3147913A1; WO2017050518A1; US10418153B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

DE 29703112 U1 19970424; DE 19636287 A1 19980312; DE 19636287 B4 20070426; EP 0828259 A2 19980311; EP 0828259 A3 19981230

DOCDB simple family (application)

DE 29703112 U 19970221; DE 19636287 A 19960906; EP 97102913 A 19970221