

Title (en)

Highly flexible shielded electrical cable for high frequency data transmission in rotatable monitors, especially for rotatable LCD devices

Title (de)

Hochflexible geschirmte elektrische Leitung zur hochfrequenten Datenübermittlung bei schwenkbaren Bildschirmen, insbesondere für schwenkbare LCD (Flüssigkristallanzeige) Einrichtungen

Title (fr)

Câble électrique blindé hautement flexible pour la transmission de données à haute fréquence pour des moniteurs pivotables, en particulier des dispositifs LCD

Publication

**EP 1768133 A3 20130306 (DE)**

Application

**EP 06016910 A 20060814**

Priority

- DE 102005045486 A 20050922
- DE 102006036621 A 20060803

Abstract (en)

[origin: EP1768133A2] The cable has a copper conductor (1), a taping (2) and a skin layer (3), which are held by a banding (6) from one or both sided insulating foil coated with aluminum or a tape. An ambient mesh wire (7) electrically contacts with the banding in such a manner that the mesh wire is covered by a banding (8) and is eventually surrounded by an outer casing (9). The foil is made of fluoropolymer e.g. polytetrafluoroethylene.

IPC 8 full level

**H01B 7/04** (2006.01); **H01B 11/10** (2006.01)

CPC (source: EP US)

**H01B 7/04** (2013.01 - EP US); **H01B 11/1033** (2013.01 - EP US)

Citation (search report)

- [Y] DE 3636621 A1 19880505 - EILENTROPP HEW KABEL [DE]
- [Y] DE 9108768 U1 19911017
- [Y] EP 1398799 A2 20040317 - NEXANS [FR]
- [Y] EP 1327994 A2 20030716 - NEXANS [FR]
- [Y] DE 20016525 U1 20001207 - ALCATEL SA [FR]
- [L] CN 201725608 U 20110126 - YANGZHOU JIN YANG GUANG CABLE CO LTD

Cited by

EP2034491A3; CN103886954A; CN103903805A; EP2187405A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1768133 A2 20070328; EP 1768133 A3 20130306**; DE 102006036621 A1 20070329; US 2007102187 A1 20070510; US 2008087453 A1 20080417; US 7566832 B2 20090728

DOCDB simple family (application)

**EP 06016910 A 20060814**; DE 102006036621 A 20060803; US 51734606 A 20060908; US 97620007 A 20071022