

Title (en)

Multilayer striplike shielding film for data transmission cables and data transmission cable equipped therewith

Title (de)

Mehrlagige, streifenförmige Abschirmfolie für Datenübertragungskabel und damit ausgerüstetes Datenübertragungskabel

Title (fr)

Film de blindage multicouche en forme de ruban pour câbles de transmission de données et câble de transmission de données le comprenant

Publication

**EP 1632957 A2 20060308 (DE)**

Application

**EP 05009884 A 20050506**

Priority

DE 102004042656 A 20040903

Abstract (en)

An electrically conductive metal shielding layer (3) covers first (2) and second (8) carrier layers . Running crosswise to a longitudinal strip direction (Z) and recurring with lengthwise gaps (P), a spacer split (5) fits in the shield layer (3) so as to create an electrical interruption in this layer in the longitudinal strip direction. An independent claim is also included for an electric data-transmission cable with multiple twisted wire pairs and an outer casing of foil shielding.

IPC 8 full level

**H01B 11/10** (2006.01); **H01B 11/08** (2006.01)

CPC (source: EP KR US)

**H01B 1/20** (2013.01 - KR); **H01B 11/06** (2013.01 - KR); **H01B 11/085** (2013.01 - EP US); **H01B 11/1008** (2013.01 - EP US); **H01B 7/1845** (2013.01 - EP US)

Citation (applicant)

US 6624359 B2 20030923 - BAHLMANN CRAIG [US], et al

Cited by

US9928943B1; US10276281B1; US9741470B1; US10121571B1; WO2013159824A1; US9412498B2; US10068685B1; US10438726B1; US10515743B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**DE 102004042656 B3 20051229**; CN 1744235 A 20060308; CN 1744235 B 20110316; EP 1632957 A2 20060308; EP 1632957 A3 20060705; EP 1632957 B1 20120704; ES 2390712 T3 20121115; JP 2006073534 A 20060316; KR 101253780 B1 20130412; KR 20060050977 A 20060519; TW 200614274 A 20060501; TW I367500 B 20120701; US 2006048961 A1 20060309; US 7335837 B2 20080226

DOCDB simple family (application)

**DE 102004042656 A 20040903**; CN 200510098204 A 20050901; EP 05009884 A 20050506; ES 05009884 T 20050506; JP 2005254828 A 20050902; KR 20050081767 A 20050902; TW 94130127 A 20050902; US 21766605 A 20050902