

Title (en)

Transmission cable having concentric layers of conductors.

Title (de)

Fernmeldekabel mit konzentrischen Lagen von Leitern.

Title (fr)

Câble de transmission contenant des couches concentriques de conducteurs.

Publication

EP 0182435 A2 19860528 (EN)

Application

EP 85201861 A 19851112

Priority

- US 67094884 A 19841113
- US 76972585 A 19850827

Abstract (en)

A transmission cable is formed of one or more concentric layers (16, 26) of individual conductors. Each layer is surrounded by an electrically conducting member (18, 28). Alternate conductors in each layer are signal carrying conductors (5) while the other conductors (X) in a layer are either all ground, signal return or signal conductors. The conducting members (18, 28) are electrically connectable to a ground potential to form a grounded structure in which each signal carrying conductor is at least partially electrically shielded along its entire axial length.

IPC 1-7

H01B 11/00

IPC 8 full level

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

CPC (source: EP)

H01B 11/08 (2013.01); **H01B 11/10** (2013.01)

Cited by

EP0269314A3; FR2771278A1; CN103943183A; EP1239493A3; US6448500B1; WO0070626A1; WO9300687A1; EP1239493A2; US6674010B2; EP0257855B1

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