

Title (en)

Cable usable within the telecommunications field

Title (de)

Kabel verwendbar auf dem Gebiet der Nachrichten

Title (fr)

Câble utilisable dans le domaine des télécommunications

Publication

**EP 0624885 B1 19961023 (FR)**

Application

**EP 94400998 A 19940506**

Priority

FR 9305582 A 19930510

Abstract (en)

[origin: EP0624885A1] The subject of the present invention is a cable intended to be used in the telecommunications field, having a coaxial structure consisting of a metal core (3) surrounded by at least two layers of which one is a layer (2) of dielectric material, characterised in that the other layer (1), placed between the said core (3) and the said layer (2) of dielectric material over at least part of the length of the cable, is a layer of semiconductor composite material comprising an insulating matrix and a non-doped conductive polymer having conjugated bonds, the said cable thus becoming a cable which intrinsically filters the electromagnetic interference which it conducts in the range of frequencies below 1 GHz.  
<IMAGE>

IPC 1-7

**H01B 11/18**

IPC 8 full level

**H01B 11/12** (2006.01); **H01B 11/18** (2006.01)

CPC (source: EP US)

**H01B 11/12** (2013.01 - EP US); **H01B 11/1808** (2013.01 - EP US)

Cited by

FR2723245A1; WO9604666A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

**EP 0624885 A1 19941117**; **EP 0624885 B1 19961023**; DE 69400777 D1 19961128; DE 69400777 T2 19970227; ES 2093495 T3 19961216; FR 2705161 A1 19941118; FR 2705161 B1 19950630; US 5530206 A 19960625

DOCDB simple family (application)

**EP 94400998 A 19940506**; DE 69400777 T 19940506; ES 94400998 T 19940506; FR 9305582 A 19930510; US 23955494 A 19940509