

Title (en)
High data rate flat signal transmission cable

Title (de)
Signalübertragungsflachkabel mit hoher Datenrate

Title (fr)
Câble plat de transmission de signaux à haut débit

Publication
EP 0871182 B1 20011004 (FR)

Application
EP 98400863 A 19980409

Priority
FR 9704403 A 19970410

Abstract (en)
[origin: EP0871182A1] The flat cable is constructed using an extruded section base (10), which has channels between flanges (12). Insulated conductors (20) are placed in the channels which are dimensioned to provide a tight fit. Each conductor in a pair of conductors is individually twisted such that the length of a complete turn is much shorter than the wavelength of the signals to be transmitted. The surfaces of the channels are made conducting and the conductors (20) are covered with a metallic foil. The cable is completed with an enveloping sheath.

IPC 1-7
H01B 7/00; **H01B 7/08**

IPC 8 full level
H01B 7/00 (2006.01); **H01B 7/08** (2006.01)

CPC (source: EP US)
H01B 7/0009 (2013.01 - EP US); **H01B 7/0823** (2013.01 - EP US)

Cited by
DE10357271B3; CN103236313A

Designated contracting state (EPC)
CH DE DK GB IT LI SE

DOCDB simple family (publication)
EP 0871182 A1 19981014; **EP 0871182 B1 20011004**; DE 69801857 D1 20011108; DE 69801857 T2 20020502; DK 0871182 T3 20020121; FR 2762133 A1 19981016; FR 2762133 B1 19990611; US 6043434 A 20000328

DOCDB simple family (application)
EP 98400863 A 19980409; DE 69801857 T 19980409; DK 98400863 T 19980409; FR 9704403 A 19970410; US 5754498 A 19980409