

Title (en)

Transmission unit with reduced crosstalk signal

Title (de)

Übertragungseinheit mit reduziertem Übersprechungssignal

Title (fr)

Unité de transmission avec signal de diaphonie réduit

Publication

EP 2549490 A1 20130123 (EN)

Application

EP 11174312 A 20110718

Priority

EP 11174312 A 20110718

Abstract (en)

A transmission unit with reduced crosstalk signal includes a first conductor group (11) having at least one first conductor (111) surrounded by a first sheath (1111) and at least one second conductor (112) surrounded by a second sheath (1121). The first and the second conductor are axially arranged corresponding to one another. The first sheath has a dielectric coefficient higher than that of the second sheath, so that a difference in dielectric property exists between the first and the second conductor to enable reduction of crosstalk occurred during high-speed signal transmission over the transmission unit.

IPC 8 full level

H01B 7/02 (2006.01)

CPC (source: EP)

H01B 7/0208 (2013.01); **H01B 7/08** (2013.01); **H01B 11/00** (2013.01)

Citation (search report)

- [XY] DE 3515724 A1 19861106 - RHEYDT KABELWERK AG [DE]
- [Y] US 4527135 A 19850702 - PIPER DOUGLAS E [US]

Cited by

CN105529066A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2549490 A1 20130123; EP 2549490 B1 20150429

DOCDB simple family (application)

EP 11174312 A 20110718