

Title (en)
CABLE

Title (de)
KABEL

Title (fr)
CÂBLE

Publication
EP 2145338 A1 20100120 (DE)

Application
EP 08749838 A 20080429

Priority
• EP 2008055229 W 20080429
• DE 102007022325 A 20070508

Abstract (en)
[origin: WO2008135451A1] In order to improve a cable comprising an inner cable body, in which at least one conductor strand of an optical and/or electrical conductor runs in the longitudinal direction of the cable, and an outer shell surrounding the inner body which is positioned between an outer shell surface and the inner body of the cable, and at least one information carrier unit disposed within the outer shell surface of the cable such that the cable also comprises a shielding, the invention proposes that the information carrier unit comprise an antenna unit, located in an antenna surface approximately parallel to the longitudinal direction of the cable. The antenna surface runs at a distance from an electric shielding of the cable. Between the antenna surface and the shielding, a distance layer is provided, in which the electromagnetic field coupled to the antenna unit and permeating the antenna surface can extend between the antenna unit and the shielding.

IPC 8 full level
H01B 7/36 (2006.01)

CPC (source: EP US)
H01B 7/368 (2013.01 - EP US)

Citation (search report)
See references of WO 2008135451A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
DE 102007022325 A1 20081113; EP 2145338 A1 20100120; US 2010142902 A1 20100610; US 8023786 B2 20110920; WO 2008135451 A1 20081113

DOCDB simple family (application)
DE 102007022325 A 20070508; EP 08749838 A 20080429; EP 2008055229 W 20080429; US 59044609 A 20091106