

Title (en)
Connector with integrated lightguide

Title (de)
Verbinder mit integriertem Lichtwellenleiter

Title (fr)
Connecteur doté d'un guide optique intégré

Publication
EP 2023448 B1 20170906 (DE)

Application
EP 08013553 A 20080728

Priority
DE 102007035088 A 20070727

Abstract (en)
[origin: EP2023448A1] The connector has housing (10) accommodating a contact element (11) that comes in contact with a complementary contact element of a complementary connector. A fiber-optic cable (1) is arranged in the housing and is opened at a front side (10a) of the housing for displaying the optical signal. The fiber-optic cable is opened at the back side of the housing for supplying light signal at a position, where the fiber-optic cable is made of polycarbonate, polymethyl metacrylate (PMMA), transparent polyamide or ray cross-linked polyamide. Independent claims are also included for the following: (1) a printed circuit board assembly (2) a method for arranging a connector and an optical signal display.

IPC 8 full level
H01R 13/717 (2006.01)

CPC (source: EP)
H01R 13/7172 (2013.01)

Citation (examination)
EP 0740370 A1 19961030 - AMPHENOL CORP [US]

Cited by
US9531137B2; JP2009128828A

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
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