

Title (en)
Connector with integrated lightguide

Title (de)
Verbinder mit integriertem Lichtwellenleiter

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

Publication
EP 2023448 A1 20090211 (DE)

Application
EP 08013553 A 20080728

Priority
DE 102007035088 A 20070727

Abstract (en)
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.

Abstract (de)
Die Erfindung betrifft einen Verbinder mit einem Gehäuse (10) für die Aufnahme von zumindest einem Kontaktelement (11) zum in Kontakt treten mit einem komplementären Kontaktelement eines komplementären Verbinders, wobei zumindest ein Lichtwellenleiter (1) in oder an dem Gehäuse (10) angeordnet ist und an einer Vorderseite (10a) des Gehäuses (10) freigelegt ist, um ein optisches Signal anzuzeigen.

IPC 8 full level
H01R 13/717 (2006.01)

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

Citation (search report)

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Designated contracting state (EPC)
DE FR GB IT

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2023448 A1 20090211; EP 2023448 B1 20170906; DE 102007035088 A1 20090129

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