

Title (en)

CONNECTOR FOR HIGH DATA TRANSMISSION RATES

Title (de)

STECKVERBINDER FÜR HOHE DATENÜBERTRAGUNGSRATEN

Title (fr)

CONNECTEUR ENFICHABLE POUR DÉBITS DE DONNÉES ÉLEVÉS

Publication

EP 2656448 A2 20131030 (DE)

Application

EP 11835321 A 20111019

Priority

- DE 102010055851 A 20101222
- DE 2011075253 W 20111019

Abstract (en)

[origin: WO2012083939A2] For high-speed plug connections in data centres, the invention provides a so-called QSFP connector, which comprises a one-piece metal outer housing and in which an integral locking device is formed. By means of a lug attached to the locking device, the latter is detachable from a cage-like mating connector of complementary design. The locking device is arranged by means of a prismatic guide in an axially displaceable manner in slots of complementary design in the lateral walls of the outer housing. For direct insertion in the case of copper-based twinaxial cable connections, a printed circuit board is provided, which is connected inside the outer housing to electrical conductors arranged therein. For connecting to the printed circuit board in axially aligned grooves, a cable manager holds the electrical conductors in the grooves by means of a fixing clip surrounding said electrical conductors.

IPC 8 full level

H01R 13/50 (2006.01); **H01R 13/627** (2006.01); **H01R 13/66** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2012083939A2

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DOCDB simple family (publication)

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