

Title (en)

FIBER-OPTIC PIN-AND-SOCKET CONNECTOR HAVING A BEAM EXPANSION DEVICE

Title (de)

FASEROPTISCHER STECKVERBINDER MIT EINER STRAHLAUFWEITUNGSVORRICHTUNG

Title (fr)

CONNECTEUR ENFICHABLE À FIBRE OPTIQUE MUNI D'UN DISPOSITIF ÉLARGISSEUR DE FAISCEAU

Publication

**EP 2183627 A1 20100512 (DE)**

Application

**EP 08801621 A 20080819**

Priority

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- CH 13622007 A 20070830

Abstract (en)

[origin: WO2009030360A1] The invention relates to an optical pin-and-socket connector for the detachable connection of a plurality of optical leads (115) having an insert (112, 112'), in which the leads (115) are inserted on a first side, the leads (115) ending in said connector with the optical fibers (119, 120) thereof, and said connector having an expansion device (117, 118) on a second side, on which the beams exit the fibers (119, 120) in an expanded manner. A simplification of the assembly and installation is achieved in that the insert (112, 112') comprises two separate partial elements (113; 117, 118) that can be assembled, one of which is configured as an expansion device (117, 118) and the other is configured as a retaining block (113) for receiving the ends of the leads (115).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2009030360A1

Citation (examination)

US 2006280410 A1 20061214 - FUJIWARA KUNIIHIKO [JP], et al

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)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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