

Title (en)  
OPTICAL PLUG-IN CONNECTION

Title (de)  
OPTISCHE STECKVERBINDUNG

Title (fr)  
RACCORD OPTIQUE ENFICHABLE

Publication  
**EP 1478959 A1 20041124 (DE)**

Application  
**EP 02774248 A 20021121**

Priority  
• CH 0200629 W 20021121  
• CH 3272002 A 20020225

Abstract (en)  
[origin: WO03071329A1] Disclosed is an optical plug-in connection (10), particularly for connecting polarization-maintaining optical fibers, comprising at least two plug-in connectors and a coupler into which the plug-in connectors are plugged from opposite ends. The optical fiber to be connected is fixed to the fiber end of a ferrule (21, 22) in each of the plug-in connectors. The coupler is provided with a guiding device (11, 19), into which the ferrules (21, 22) enter from opposite ends when the plug-in connectors are plugged into the coupler. Also provided are means (17, 23, 24; 18, 25, 26) for positioning the ferrules (21, 22) at an angle from each other. The ferrules can be positioned in relation to each other in a much more precise manner by means of such an optical plug-in connection by configuring the positioning means (17, 23, 24; 18, 25, 26) in such a way that the ferrules (21, 22) are placed at an angle that is relative to the guiding device (11, 19) when the plug-in connectors are plugged into the coupler.

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IPC 8 full level  
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