

Title (en)  
POSITIONING SYSTEM FOR POSITIONING AND ATTACHING OPTICAL FIBRES AND CONNECTORS PROVIDED WITH THIS POSITIONING SYSTEM

Title (de)  
POSITIONIERVORRICHTUNG ZUM POSITIONIEREN UND FIXIEREN VON OPTISCHEN FASERN SOWIE STECKVERBINDER MIT EINER SOLCHEN POSITIONIERVORRICHTUNG

Title (fr)  
SYSTEME DE POSITIONNEMENT POUR POSITIONNER ET FIXER DES FIBRES OPTIQUES, ET CONNECTEURS MUNIS D'UN TEL SYSTEME DE POSITIONNEMENT

Publication  
**EP 1058859 A1 20001213 (DE)**

Application  
**EP 99902494 A 19990216**

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Abstract (en)  
[origin: WO9942876A1] The present invention relates to a positioning system (10) for automatically positioning and attaching at least one optical fibre inserted into said positioning system (10) along a predetermined optical axis. This positioning system (10) comprises a base member (18) with a flat upper surface and a V-shaped reception channel which is parallel to said upper surface and is formed therein for receiving at least one optical fibre. This system also includes a spring-effect retaining member (17) which is mounted on the upper surface of the base member (21) for maintaining the at least one optical fibre inserted into the reception channel. This invention provides for a simple structure as well as for a precise and mechanically resistant coupling since the retaining member (17) comprises a membrane (22) which is parallel to the upper surface of the base member (18), which is mounted above the reception channel (21) and which can be resiliently diverted in a direction perpendicular to the upper surface of said base member (18). When the at least one optical fibre is inserted into the reception channel (21), the membrane is diverted so as to fix said optical fibre in the reception channel (21) due to the restoring force.

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IPC 8 full level  
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