

Title (en)

CONNECTING ASSEMBLY OF OPTICAL FIBRES WITH OPTICAL OR OPTOELECTRONIC COMPONENTS

Title (de)

BAUTEIL ZUR VERBINDUNG OPTISCHER FASERN MIT OPTISCHEN ODER OPTOELEKTRONISCHEN KOMPONENTEN

Title (fr)

ASSEMBLAGE DE CONNEXION DE FIBRES OPTIQUES AVEC DES COMPOSANTS OPTIQUES OU OPTOELECTRONIQUES

Publication

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Application

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Abstract (en)

[origin: FR2779536A1] The invention concerns an assembly for connecting optical fibres with optical or optoelectronic components and a method for making said assembly. The invention is characterised in that it consists in forming at least a fibre support (4, 6) comprising, for each fibre (2), a V-shaped housing; fixing the support and the component (32) to a substrate (12) via fusible links (weld nuggets) (16, 38) and positioning the fibre in the housing so as to obtain a fibre alignment vertical with respect to the component, the horizontal alignment being obtained by means of the melted elements. The invention is applicable in microelectronics.

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IPC 8 full level

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