

Title (en)

OPTOELECTRONIC COUPLING DEVICE, OPTOELECTRONIC COMPONENT AND OPTOELECTRONIC TRANSCEIVER

Title (de)

OPTISCHE KOPPLUNGSVORRICHTUNG, OPTOELEKTRONISCHES BAUELEMENT UND OPTOELEKTRONISCHER TRANSCEIVER

Title (fr)

COMPOSANT OPTOÉLECTRONIQUE

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Application

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Abstract (en)

[origin: WO2012031781A2] The invention relates to an optoelectronic transceiver comprising the following: an optical transmitter; an optical receiver; and coupling means consisting of a first and a second optical lens formed with optically active interfaces for varying/deflecting optical paths of, on the one hand, optical output signals A from the optical transmitter to an attachable optical waveguide and, on the other, of input signals E of the same optical waveguide to the receiver. The invention is characterized in that the first lens has, inside the coupling means, a concave reflection surface for signals from the optical transmitter and the second lens has an outer convex transmission surface for outgoing signals from the optical transmitter and an inner concave reflection surface for incoming signals.

IPC 8 full level

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