

Title (en)
POLARIZATION-MAINTAINING FIBER-OPTIC TRANSMISSION SYSTEM

Title (de)
POLARISATIONSERHALTENDES FASEROPTISCHES ÜBERTRAGUNGSSYSTEM

Title (fr)
SYSTEME DE TRANSMISSION OPTIQUE PAR FIBRES A MAINTIEN DE POLARISATION

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Abstract (en)
[origin: WO2006021731A1] The invention concerns a polarization-maintaining fiber-optic transmission system. The invention concerns a fiber-optic transmission system comprising at least one polarization maintaining fiber coupling an input device to an output device. The fiber comprises at least a first (F1) and a second (F2) polarization maintaining fiber section having each a slow propagation axis and a fast propagation axis. One end of the first fiber section is coupled to one end of the second fiber section such that the slow propagation axis of the first fiber section coincides with the fast propagation axis of the second fiber section and inversely. The invention is applicable in particular to lasers.

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