Title (en)

AN INTEGRATED OPTICAL DEVICE FOR DATA COMMUNICATION

Title (de)

EINE INTEGRIERTE OPTISCHE VORRICHTUNG ZUR DATENKOMMUNIKATION

Title (fr)

DISPOSITIF OPTIQUE INTEGRE POUR COMMUNICATION DE DONNEES

Publication

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Application

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Abstract (en)

[origin: WO0127692A1] An optical device for use in data communication technique is presented. The device comprises a combination of two spaced-apart waveguides and at least two spaced-apart resonator-cavity loops. The resonator-cavity loops are accommodated between the two waveguides and connected to each other through sections of the waveguides in such a manner that the resonator-cavity loops and the waveguide sections create a closed loop compound resonator for storing optical energy of a predetermined frequency range. A control means is used for controlling physical characteristics of the compound resonator to adjust its optical storage characteristics.

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IPC 8 full level

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Citation (search report)

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