

Title (en)
OPTICAL CROSSPOINT SWITCH

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Application
EP 78300172 A 19780720

Priority
US 81867077 A 19770725

Abstract (en)
[origin: EP0000647A1] An optical crosspoint switch has a mode-sensitive reflector (121) at the crosspoint of two crossed optical waveguide channels (36, 51). Mode switches (61, 101) are coupled to the channels, one (61) in one channel upstream of the reflector and the other (101) in the other channel downstream of the reflector. With the mode switches in a non-converting state optical energy passes through the crosspoint without being redirected. With the mode switches in a converting state the optical energy is changed in mode by one of the mode switches, reflected into the other channel, and then changed back again in mode by the other mode switch. <??>Switches according to the invention can be used in a switching array suitable for use in telecommunications switching.

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G02F 1/29

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CPC (source: EP US)
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Cited by
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