Title (en)

OPTICAL PACKET SWITCHING DEVICE

Title (de)

OPTISCHE PAKETVERMITTLUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE COMMUTATION DE PAQUETS OPTIQUES

Publication

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Application

EP 10770564 A 20100915

Priority

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Abstract (en)

[origin: WO2011039443A1] The invention relates to an optical packet switching device (20) including: an input section (9) that can receive an optical signal comprising data packets (60) carried by wavelength channels, a transit section (30) comprising optical paths (31) for transparently conveying the respective wavelength channels, multiple selector elements (34) that can be switched into packet mode in order selectively to block or allow the passage of an individual data packet, and a control unit which can receive signalling information related to the data packets received in the input section and control a selector element corresponding to the wavelength channel in order to block or allow the passage of said data packets. According to the invention, the control unit maintains the selector element (34) in a passage-blocking state during time windows in which no data packet is received over the wavelength channel.

IPC 8 full level

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Citation (search report)

See references of WO 2011039443A1

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