

Title (en)  
OPTICAL NETWORK WITH DISTRIBUTED SIGNAL REGENERATION

Title (de)  
OPTISCHES NETZWERK MIT VERTEILTER SIGNALREGENERATION

Title (fr)  
RESEAU OPTIQUE A REGENERATION DE SIGNAUX REPARTIE

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Application  
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Abstract (en)  
[origin: WO02075970A2] The invention relates to a method and to a device (10a) for the regeneration of optical signals, comprising one or more devices (1a, 1b, 1c) that are capable of regenerating various optical signals (DB3, DB4, DC1, DC2, DC3, DC4) received by the device (10a). The invention is characterized in that the device comprises a system (12) for determining the quality of the received optical signals (DB3, DB4, DC1, DC2, DC3, DC4) and the signal regeneration devices (1a, 1b, 1c) regenerate only those signals (DC1, DB4) for which the quality detection system (12) has detected a poor signal quality.

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