Title (en)

OPTICAL COMMUNICATIONS NETWORK

Title (de)

OPTISCHES ÜBERTRAGUNGSNETZWERK

Title (fr)

RESEAU DE COMMUNICATIONS OPTIQUE

Publication

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Application

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Abstract (en)

[origin: WO9955038A1] An optical regenerator, for example at a node in an optical communications network, uses a free-running bit-asynchronous local clock source. An incoming packet may be used to gate the clock source. In some implementations, a number of gates are used with different delays on the control input, and the gate giving a correctly regenerated output is selected. In alternative embodiments, a control loop is used to adjust the phase of control signals applied to a gate.

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