

Title (en)

CIRCUIT ARRANGEMENT FOR THE OPERATION OF WAVELENGTH DIVISION MULTIPLEXING

Title (de)

SCHALTUNGSANORDNUNG FÜR DEN BETRIEB VON WELLENLÄNGENMULTIPLEXSYSTEMEN

Title (fr)

CIRCUIT POUR LE FONCTIONNEMENT DE SYSTEMES DE MULTIPLEXAGE DE LONGUEURS D'ONDE

Publication

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Application

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Abstract (en)

[origin: DE19633921C1] On an acousto-optic add/drop multiplexer receiving the WDM signal on its input side, a plurality of acoustic surface waves of a determined frequency are stimulated and each time a portion of the light power of the WDM channels of an optical frequency determined by such a surface wave is separated; a superheterodyne receiver, receiving on its input side the separated portions of the light power of a polarization and the portions of light power of another polarization picked up from non separated portions of the WDM, provides an output signal corresponding to the light power transferred in the individual WDM channels and by means of which a control device tracks separately, at a predetermined value, the light power transferred in the individual WDM channels.

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H04B 10/142; **H04B 10/213**

IPC 8 full level

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