

Title (en)

OPTICAL MODULE FOR THE WAVELENGTH REFERENCE MEASUREMENT IN WDM SYSTEMS

Title (de)

OPTISCHES MODUL ZUR WELLENLÄNGEN-REFERENZMESSUNG IN WDM-SYSTEMEN

Title (fr)

MODULE OPTIQUE POUR MESURE DE REFERENCE DE LONGUEURS D'ONDE DANS DES SYSTEMES WDM

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Application

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Abstract (en)

[origin: WO0173387A1] The invention relates to an optical module for the wavelength reference measurement. The inventive module is essentially provided with an optical waveguide (7) having an integrated fibre Bragg grating (8) which is provided with a transmission maximum at a desired wavelength. A photodetector (10) for receiving the measuring radiation bundle that has penetrated the fibre Bragg grating (8) is arranged downstream in relation to the fibre Bragg grating (8). A reference radiation bundle can be produced by means of a beam splitter (5) if desired. Said bundle is detected in an additional photodetector (6).

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IPC 8 full level

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