

Title (en)

DUAL TRANSMISSION BAND INTERFERENCE FILTER

Title (de)

DOPPELUEBERTRAGUNGSBAND-INTERFERENZFILTER

Title (fr)

FILTRE D'INTERFERENCE A BANDE DE TRANSMISSION DOUBLE

Publication

EP 1088248 A1 20010404 (EN)

Application

EP 00926004 A 20000417

Priority

- US 0010072 W 20000417
- US 13021299 P 19990420

Abstract (en)

[origin: WO063728A1] A dual-band optical filter is disclosed which has two transmission bands. The first band is relatively narrow (about 1 nm) and encompasses a wavelength of about 1550 nm, while the second band is relatively broad (greater than 50 nm) to transmit wavelengths in a range of 1300-1400 nm. Accordingly, the filter can be used in wavelength division multiplexed communication systems to simultaneously select a payload channel having a wavelength of approximately 1550 nm, and a 1310 nm service channel.

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