

Title (en)
OPTICAL FILTERING DEVICE

Title (de)
OPTISCHE FILTERVORRICHTUNG

Title (fr)
DISPOSITIF DE FILTRAGE OPTIQUE

Publication
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Application
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Priority
• FR 0301004 W 20030401
• FR 0204139 A 20020403

Abstract (en)
[origin: WO03083527A2] The invention relates to a device, particularly for application in optical telecommunications, which comprises at least one unit with an apodised Bragg grating (18), used in reflection, with a first filter band and a Bragg grating with at least one phase shift (20), used in transmission, having at least one second filter band with at least one high resolution transmission peak, the first band being included within the second and optical connecting means (24). The networks cooperate with each other by means of the connection to permit an optical signal (S), interacting with one of the networks, to then interact with the other and to be filtered by the unit which extracts only that component corresponding to the high resolution peak.

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