

Title (en)

GAIN TILT CONTROL WITH MID-STAGE ATTENUATORS IN ERBIUM-DOPED FIBER AMPLIFIERS

Title (de)

VERSTÄRKUNGSANSTIEGSSTEUERUNG MIT ZWISCHENDÄMPFUNGSGLIEDERN IN ERBIUM-DOTIERTEN FASERVERSTÄRKERN

Title (fr)

COMMANDE D'INCLINAISON DE GAIN COMPRENANT DES ATTENUATEURS A NIVEAU INTERMEDIAIRE DANS DES AMPLIFICATEURS A FIBRE DOPEE A L'ERBIUM

Publication

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Application

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Abstract (en)

[origin: WO9966610A1] Gain tilt control in erbium-doped fiber amplifiers is realized by adjusting the attenuation of mid-stage variable attenuators situated between multiple stages of the erbium-doped fiber amplifier. Positive power tilt in input signals is compensated by increasing attenuator loss while negative power tilt is compensated by decreasing the attenuator loss.

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IPC 8 full level

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