

Title (en)

OPTICAL FIBRE AMPLIFIER FOR WAVELENGTH MULTIPLEX OPERATION

Title (de)

OPTISCHER FASERVERSTÄRKER FÜR WELLENLÄNGEN-MULTIPLEXBETRIEB

Title (fr)

AMPLIFICATEUR DE FIBRE OPTIQUE POUR MULTIPLEXAGE EN LONGUEUR D'ONDE

Publication

EP 0898798 A1 19990303 (DE)

Application

EP 97949971 A 19971127

Priority

- DE 9702782 W 19971127
- DE 19653466 A 19961220

Abstract (en)

[origin: WO9828826A1] The invention concerns a fibre amplifier with two amplifier stages (OV1, OV2) connected in series, a controllable optical attenuation member (OD) and an optical filter (OF) being connected between the amplifier stages. Both amplifier stages are controlled with respect to a constant amplification, and the optical attenuation member (OD) is controlled with respect to a constant output level.

IPC 1-7

H01S 3/06; **H04B 10/17**

IPC 8 full level

H01S 3/06 (2006.01); **H01S 3/067** (2006.01); **H01S 3/10** (2006.01); **H04B 10/291** (2013.01); **H04B 10/294** (2013.01); **H04B 10/296** (2013.01)

CPC (source: EP)

H01S 3/06758 (2013.01); **H04B 10/291** (2013.01); **H04B 10/294** (2013.01); **H04B 10/296** (2013.01); **H04B 2210/003** (2013.01)

Citation (search report)

See references of WO 9828826A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

WO 9828826 A1 19980702; AU 5309298 A 19980717; CN 1216641 A 19990512; EP 0898798 A1 19990303; JP 2000505954 A 20000516; RU 98117454 A 20000720

DOCDB simple family (application)

DE 9702782 W 19971127; AU 5309298 A 19971127; CN 97193928 A 19971127; EP 97949971 A 19971127; JP 52820998 A 19971127; RU 98117454 A 19980921