

Title (en)

DEVICE FOR CHANNEL-SPECIFIC DISPERSION COMPENSATION OF A WAVELENGTH MULTIPLEX SIGNAL

Title (de)

ANORDNUNG ZUR KANALINDIVIDUELLEN DISPERSIONSKOMPENSATION EINES WELLENLÄNGEN-MULTIPLEXSIGNALS

Title (fr)

DISPOSITIF POUR LA COMPENSATION DE DISPERSION INDIVIDUELLE PAR CANAL D'UN SIGNAL MULTIPLEXE EN LONGUEUR D'ONDE

Publication

**EP 1161804 A1 20011212 (DE)**

Application

**EP 00914055 A 20000302**

Priority

- DE 0000661 W 20000302
- DE 19913374 A 19990324

Abstract (en)

[origin: WO0057584A1] First, the wavelength multiplex (WDM) signal (S lambda 1-8) is partially compensated in a common dispersion compensator (DCF0). The partially compensated WDM signal is divided into individual partially compensated channel signals (ST1-ST8) in a wavelength demultiplexer (2). These are converted into electrical signals and compensated in filters (F1 to F8).

IPC 1-7

**H04B 10/18**

IPC 8 full level

**H04B 10/2507** (2013.01); **H04B 10/2519** (2013.01); **H04B 10/2525** (2013.01); **H04J 14/00** (2006.01); **H04J 14/02** (2006.01); **H04L 1/00** (2006.01)

CPC (source: EP)

**H04B 10/25133** (2013.01); **H04J 14/0227** (2013.01)

Citation (search report)

See references of WO 0057584A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**WO 0057584 A1 20000928**; AU 3550700 A 20001009; CN 1345491 A 20020417; DE 19913374 A1 20001019; DE 19913374 C2 20010712; EP 1161804 A1 20011212; JP 2002540676 A 20021126

DOCDB simple family (application)

**DE 0000661 W 20000302**; AU 3550700 A 20000302; CN 00805425 A 20000302; DE 19913374 A 19990324; EP 00914055 A 20000302; JP 2000607360 A 20000302