

Title (en)  
OPTICAL DEVICES AND METHODS

Title (de)  
Optische Elemente und Verfahren

Title (fr)  
DISPOSITIFS ET PROCEDE OPTIQUES

Publication  
**EP 0960349 A4 20001102 (EN)**

Application  
**EP 98902853 A 19980213**

Priority

- AU 9800089 W 19980213
- AU PO511697 A 19970214

Abstract (en)  
[origin: WO9836302A1] An optical device (1) for dividing input light having a mix of wavelengths (  $\lambda_1$  to  $\lambda_6$ ) into discrete output wavelength bands (  $\lambda_1$  to  $\lambda_6$ ) and combining discrete wavelength bands (  $\lambda_1$  to  $\lambda_6$ ) into an output of mixed wavelengths (  $\lambda_1$  to  $\lambda_6$ ). The device (1) includes at least three optical wavelength selective devices (2, 3, 10) of the kind having a first port (23), a second port (25) and a third port (26) optically interconnected at least partly by one or more waveguides (18, 19). A first of the selective devices (2) has the second port (25) optically connected by waveguide to the first port (23) of a second of the devices (3) and the third port (26) optically connected by waveguide to the first port (23) of a third of the devices (10).

IPC 1-7  
**G02B 6/293**; **H04J 14/02**

IPC 8 full level  
**G02B 6/293** (2006.01); **G02B 6/34** (2006.01); **H04B 10/00** (2013.01); **H04B 10/02** (2006.01); **H04B 10/27** (2013.01); **H04B 10/29** (2013.01); **H04J 14/02** (2006.01)

CPC (source: EP)  
**G02B 6/29317** (2013.01); **G02B 6/29353** (2013.01); **G02B 6/29355** (2013.01); **G02B 6/2938** (2013.01); **H04J 14/02** (2013.01); **G02B 6/02076** (2013.01)

Citation (search report)

- [X] EP 0713110 A1 19960522 - NORTHERN TELECOM LTD [CA]
- [X] US 5457760 A 19951010 - MIZRAHI VICTOR [US]
- [X] US 5557439 A 19960917 - ALEXANDER STEPHEN B [US], et al
- [X] EP 0638837 A1 19950215 - CSELT CENTRO STUDI LAB TELECOM [IT]
- See references of WO 9836302A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**WO 9836302 A1 19980820**; AU PO511697 A0 19970411; CA 2280964 A1 19980820; EP 0960349 A1 19991201; EP 0960349 A4 20001102; JP 2001511905 A 20010814

DOCDB simple family (application)  
**AU 9800089 W 19980213**; AU PO511697 A 19970214; CA 2280964 A 19980213; EP 98902853 A 19980213; JP 53516998 A 19980213