

Title (en)

HIGH POWER DISTRIBUTED FEEDBACK RIDGE WAVEGUIDE LASER

Title (de)

HOCHLEISTUNGS-DISTRIBUTED-FEEDBACK-RIDGE-WELLENLEITERLASER

Title (fr)

LASER DE FORTE PUISSANCE, EN GUIDE D'ONDES A ARETE A RETROACTION REPARTIE

Publication

EP 1258065 A4 20060830 (EN)

Application

EP 01920104 A 20010122

Priority

- US 0102019 W 20010122
- US 17691500 P 20000120

Abstract (en)

[origin: WO0155814A2] An RF-photonics integrated communications module including: a plurality of RF input channels; a plurality of modulators each being responsive to one of the RF input channels; and, a plurality of photonic output channels coupled to the modulators via a switching network. The switching network includes a plurality of resonating elements coupled between the modulators and the output channels to selectively apply outputs of the modulators to the output channels.

[origin: WO0155814A2] An RF-photonics integrated communications module (100) including: a plurality of RF input channels (111,121,131 and 141); a plurality of modulators (110,120,130 and 140) each being responsive to one of the RF input channels; and, a plurality of photonic output channels (114, 124, 134 and 144) coupled to the modulators via a switching network. The switching network includes a plurality of resonating elements coupled between the modulators and the output channels to selectively apply outputs of the modulators to the output channels.

IPC 1-7

H01S 5/30; **H01S 5/00**

IPC 8 full level

G02F 1/225 (2006.01); **G02F 1/313** (2006.01); **H01Q 3/26** (2006.01); **H01Q 23/00** (2006.01); **H01S 5/12** (2021.01); **G02F 1/01** (2006.01); **G02F 1/21** (2006.01); **H01S 5/20** (2006.01); **H01S 5/323** (2006.01)

CPC (source: EP US)

G02F 1/2257 (2013.01 - EP); **G02F 1/3132** (2013.01 - EP); **G02F 1/3137** (2013.01 - EP); **H01Q 3/2682** (2013.01 - EP); **H01Q 23/00** (2013.01 - EP); **H01S 5/12** (2013.01 - EP US); **G02F 1/011** (2013.01 - EP); **G02F 1/212** (2021.01 - EP); **G02F 1/225** (2013.01 - EP); **G02F 2201/16** (2013.01 - EP); **G02F 2203/05** (2013.01 - EP); **G02F 2203/15** (2013.01 - EP); **G02F 2203/585** (2013.01 - EP); **H01S 5/1039** (2013.01 - EP); **H01S 5/20** (2013.01 - EP); **H01S 5/2036** (2013.01 - EP); **H01S 5/323** (2013.01 - EP)

Citation (search report)

- [DA] US 5818860 A 19981006 - GARBUZOV DMITRI ZALMANOVITCH [US], et al
- See references of WO 0154240A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0155814 A2 20010802; **WO 0155814 A3 20020207**; AU 4142401 A 20010731; AU 4719201 A 20010731; AU 6290101 A 20010807; CA 2398833 A1 20010726; EP 1258065 A1 20021120; EP 1258065 A4 20060830; JP 2003520455 A 20030702; WO 0153881 A1 20010726; WO 0154240 A1 20010726

DOCDB simple family (application)

US 0102073 W 20010122; AU 4142401 A 20010122; AU 4719201 A 20010122; AU 6290101 A 20010122; CA 2398833 A 20010122; EP 01920104 A 20010122; JP 2001553629 A 20010122; US 0102019 W 20010122; US 0102070 W 20010122