

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

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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