

Title (en)
LASER MODULATORS

Title (de)
LASERMODULATOR

Title (fr)
MODULATEURS DE LASER

Publication
EP 1057058 A1 20001206 (EN)

Application
EP 99905109 A 19990222

Priority

- GB 9900537 W 19990222
- GB 9803731 A 19980221
- GB 9803732 A 19980221
- GB 9803736 A 19980221

Abstract (en)
[origin: WO9942879A1] An optical transmitter module comprises a single package (21) enclosing a laser assembly (22, 23, 24) and an integrated optical circuit (32) having an input waveguide and an output waveguide. An optical fibre stub (27) optically interconnects the laser assembly and the optical circuit (32), the fibre stub (27) having one end supported to receive light from the laser assembly and the other end (33) optically coupled to the input waveguide of the optical circuit. An output optical fibre (34) is in optical communication with the output waveguide of the optical circuit and leads out of the package, whereby light emanating from the laser assembly is fed to the optical circuit and is there subjected to data-encoding before leaving the package through the output optical fibre.

IPC 1-7
G02B 6/42; **H01S 3/025**

IPC 8 full level
G02B 6/42 (2006.01); **H01S 5/022** (2006.01); **G02F 1/225** (2006.01); **H01S 3/00** (2006.01); **H01S 5/00** (2006.01); **H01S 5/024** (2006.01); **H01S 5/026** (2006.01)

CPC (source: EP)
G02B 6/421 (2013.01); **G02B 6/424** (2013.01); **G02B 6/4257** (2013.01); **G02B 6/4271** (2013.01); **H01S 5/02251** (2021.01); **G02B 6/4208** (2013.01); **G02B 6/4237** (2013.01); **G02B 6/4265** (2013.01); **G02B 6/4285** (2013.01); **G02F 1/225** (2013.01); **H01S 5/0064** (2013.01); **H01S 5/0085** (2013.01); **H01S 5/02216** (2013.01); **H01S 5/02325** (2021.01); **H01S 5/02415** (2013.01); **H01S 5/02438** (2013.01); **H01S 5/0683** (2013.01)

Citation (search report)
See references of WO 9942879A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 9942879 A1 19990826; CA 2320727 A1 19990826; EP 1057058 A1 20001206

DOCDB simple family (application)
GB 9900537 W 19990222; CA 2320727 A 19990222; EP 99905109 A 19990222