

Title (en)
SINGLE-MODE LASER DEVICE

Title (de)
MONOMODE-LASERVORRICHTUNG

Title (fr)
DISPOSITIF LASER MONOMODE

Publication
EP 0729658 A1 19960904 (EN)

Application
EP 94902683 A 19931203

Priority
• EP 9303419 W 19931203
• IT MI922797 A 19921210

Abstract (en)
[origin: WO9414215A2] Laser device to be used as a continuous wave source of a single-mode and monochromatic radiation in telecommunications of the type including a pump laser (1) suitable to emit a radiation with a wavelength of λ_1 , a resonating cavity (2) and an optical fibre rod (8). The resonating cavity includes at least a first and second mirror (6 and 7), and at least a portion of active material (3, 4; 30) suitable to emit a radiation with a wavelength of λ_2 . The first mirror (6) is highly transparent to the radiation λ_1 and highly reflecting the radiation λ_2 , and the second mirror (7) is highly reflecting the radiation λ_2 .

IPC 1-7
H01S 3/06; H01S 3/098; H01S 3/105; H01S 3/07; H01S 3/094; G02B 6/42

IPC 8 full level
G02B 6/42 (2006.01); **H01S 3/06** (2006.01); **H01S 3/07** (2006.01); H01S 3/08 (2006.01); **H01S 3/0941** (2006.01); **H01S 3/106** (2006.01); **H01S 3/16** (2006.01); **H01S 3/17** (2006.01)

CPC (source: EP)
G02B 6/4206 (2013.01); **H01S 3/0627** (2013.01); **H01S 3/07** (2013.01); **H01S 3/0604** (2013.01); **H01S 3/0615** (2013.01); **H01S 3/08009** (2013.01); **H01S 3/08031** (2013.01); **H01S 3/0941** (2013.01); **H01S 3/1062** (2013.01); **H01S 3/1608** (2013.01); **H01S 3/1618** (2013.01); **H01S 3/17** (2013.01); **H01S 2302/00** (2013.01)

Designated contracting state (EPC)
DE FR GB NL SE

DOCDB simple family (publication)
WO 9414215 A2 19940623; **WO 9414215 A3 19941027**; EP 0729658 A1 19960904; IT 1256472 B 19951207; IT MI922797 A0 19921210; IT MI922797 A1 19940610

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