

Title (en)
LASER SYSTEM

Title (de)
LASERSYSTEM

Title (fr)
SYSTEME LASER

Publication
EP 1490934 A2 20041229 (EN)

Application
EP 03745252 A 20030402

Priority
• DK 0300213 W 20030402
• DK PA200200489 A 20020403
• DK PA200201889 A 20021210

Abstract (en)
[origin: WO03084006A2] A laser system for generating a least two output beams comprising a laser multimode diode member (101) emitting a light beam with an intensity distribution comprising a plurality of spatial modes. A dual feedback cavity is provided by first and second selection means (108,110,111) for selecting corresponding to one of said plurality of spatial modes on opposite sides of the optical axis; and first and second reflective members (106,112) where the laser diode member and the reflective members define a dual cavity and are adapted to reflect corresponding feedback fractions of the selected parts of the emitted light beam back into the laser diode member and to produce respective output beams (113,114).

IPC 1-7
H01S 5/14

IPC 8 full level
H01S 5/14 (2006.01); **H01S 5/10** (2006.01); **H01S 5/20** (2006.01); **H01S 5/40** (2006.01)

CPC (source: EP)
H01S 5/146 (2013.01); **H01S 5/148** (2013.01); **H01S 3/0805** (2013.01); **H01S 5/1082** (2013.01); **H01S 5/2036** (2013.01); **H01S 5/4056** (2013.01); **H01S 5/4062** (2013.01); **H01S 2301/18** (2013.01)

Citation (search report)
See references of WO 03084006A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 03084006 A2 20031009; **WO 03084006 A3 20031231**; AU 2003226910 A1 20031013; AU 2003226910 A8 20031013; CN 1659753 A 20050824; EP 1490934 A2 20041229; JP 2005522039 A 20050721

DOCDB simple family (application)
DK 0300213 W 20030402; AU 2003226910 A 20030402; CN 03812648 A 20030402; EP 03745252 A 20030402; JP 2003581311 A 20030402