

Title (en)
RADIATION EMITTING DEVICES

Title (de)
STRAHLUNGSMITTIERENDE VORRICHTUNGEN

Title (fr)
DISPOSITIF EMETTANT DES RAYONNEMENTS

Publication
EP 0946994 A1 19991006 (EN)

Application
EP 97947782 A 19971204

Priority
• GB 9703356 W 19971204
• GB 9625332 A 19961205

Abstract (en)
[origin: WO9825313A1] A radiation emitting device includes an optical micro-cavity bounded by first and second reflective boundaries (33, 39), at least one of said reflective boundaries (39) has associated therewith inhibiting means, such as an array of hillocks or dimples, to inhibit the coupling of radiation from within the micro-cavity (31) to predetermined propagation modes, such as surface plasmon polaritons, associated with at least one of the reflective boundaries.

IPC 1-7
H01L 33/00; H01S 3/085

IPC 8 full level
H01L 33/00 (2006.01); **H01L 33/46** (2010.01); **H01S 5/10** (2006.01)

CPC (source: EP)
H01L 33/465 (2013.01); **H01S 5/10** (2013.01)

Citation (search report)
See references of WO 9825313A1

Designated contracting state (EPC)
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GB 9703356 W 19971204; EP 97947782 A 19971204; GB 9625332 A 19961205; JP 51503998 A 19971204