

Completely self-adjusted surface-emitting semiconductor Laser for surface mounting having optimized properties

What: *Asset acquisition, assignment of patent*

For whom: *Strong development & marketing partner in this field*

Technology

- New way to structure semiconductors Laserelements to optimize the heat transfer
- Benefits for assignee
 - Full control over patent in Ep, US and JP
 - Technology and market securing
 - New cost-effective process to optimize heat transfer and to achieve a higher output energy

Innovation

- With the new process an optimized surface structure is established, which enables the surface-emitting Laser diodes less losses
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Application

- Application in VECSEL producing industry

Developmental Status

- Lab tests, and Prototype

Responsible Scientist

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Branch

Semiconductor Industry, Lase emitting diode

Patent Status

EP, US, JP patent application pending
DE Patent is granted

Reference Number

PVAUlm422

Status: Okt-12



CTF – The R & D Company of the
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