

Title (en)

HIGH-BANDWIDTH, HIGH RADIANCE, SURFACE EMITTING LED, AND METHOD THEREFOR.

Title (de)

OBERFLÄCHEN-LED MIT GROSSER BANDBREITE UND STRAHLUNGSINTENSITÄT UND VERFAHREN ZU DEREN FABRIKATION.

Title (fr)

DIODE ELECTROLUMINESCENTE A EMISSION EN SURFACE A LARGEUR DE BANDE ETENDUE ET FLUX ENERGETIQUE SPECIFIQUE ELEVE ET SON PROCEDE DE PRODUCTION.

Publication

**EP 0165309 A4 19861106 (EN)**

Application

**EP 85900420 A 19841213**

Priority

US 56150183 A 19831214

Abstract (en)

[origin: WO8502722A1] An LED including a substrate (200) with an elevated surface portion (204), an epitaxial blocking layer (201) adjacent thereto, and a doubleheterojunction structure (203, 206, 208, 209) thereover, and a method of manufacturing such a device.

IPC 1-7

**H01S 3/19**; **H01L 33/00**; **H01L 21/208**

IPC 8 full level

**H01L 21/20** (2006.01); **H01L 33/00** (2006.01)

CPC (source: EP)

**H01L 21/02395** (2013.01); **H01L 21/02463** (2013.01); **H01L 21/02546** (2013.01); **H01L 33/0025** (2013.01); **H01L 33/0062** (2013.01)

Citation (search report)

- [A] EP 0047591 A2 19820317 - NORTHERN TELECOM LTD [CA]
- [A] PATENTS ABSTRACTS OF JAPAN, vol. 6, no. 12 (E-91)[890], 23rd January 1982; & JP - A - 56 135 985 (FUJITSU K.K.) 23-10-1981
- See references of WO 8502722A1

Designated contracting state (EPC)

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DOCDB simple family (application)

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