

Title (en)

LIGHT EMITTING DIODE SOURCE FOR PHOTODYNAMIC THERAPY.

Title (de)

LICHTEMITTIERENDE DIODE ALS LICHTQUELLE FÜR DIE PHOTODYNAMISCHE THERAPIE.

Title (fr)

DIODES ELECTROLUMINESCENTES UTILISEES POUR LA THERAPIE PHOTODYNAMIQUE.

Publication

EP 0680361 A1 19951108 (EN)

Application

EP 94906636 A 19940112

Priority

- US 9400506 W 19940112
- US 353793 A 19930113

Abstract (en)

[origin: WO9415666A1] A system comprising a fluid cooled array of light emitting diodes (LEDs) for producing red (660 NM) light for photodynamic therapy is disclosed. The light is produced by a plurality of overdriven, water cooled LEDs arrayed on a preferably disposable puck. The LED puck (13) is releasably connected to an interchangeable LED hand piece (12). The system can be configured for illumination of flat surfaces such as for treatment of the chest or back, or for cylindrical surfaces such as found in the cervix or colon, by proper selection of the LED hand piece (12) and puck design (13).

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