2003070505

03 DEC 2003

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
27 December 2002 (27.12.2002)

PCT

(10) International Publication Number
WO 02/103794 A1

(51) International Patent Classification[7]: H01L 25/075, 23/495

(21) International Application Number: PCT/AU02/00780

(22) International Filing Date: 14 June 2002 (14.06.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PR 5705 15 June 2001 (15.06.2001) AU

(71) Applicant *(for all designated States except US)*: **SYS-TEMAX PTY. LTD.** [AU/AU]; Suite 3, Level 7, Chatswood Central, North Tower, 1-5 Railway Street, Chatswood, New South Wales 2067 (AU).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **JEGANATHAN, Balu** [AU/AU]; 28 Manhattan Terrace, Rowville, Victoria 3178 (AU). **MONTAGNAT, John, Albert** [AU/AU]; 59 Old Lilydale Road, East Ringwood, Victoria 3135 (AU).

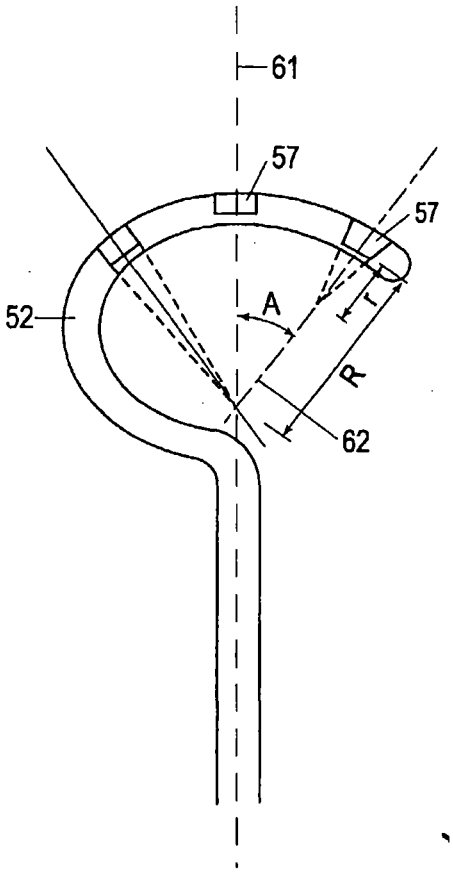
(74) Agents: **HENSHAW, Damon** et al.; Davies Collison Cave, 1 Little Collins Street, Melbourne, Victoria 3000 (AU).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: A METHOD OF PRODUCING A LAMP



(57) Abstract: A method of producing a lamp, including mounting light emitting junctions on a support structure (52) such that the junctions adopt a three-dimensional array. The support structure may be a curved lead frame, which is also claimed. The conductors may be in a part spherical configuration. The light emitting junctions may be mounted in recesses (57) in the curved conductors, the recesses acting as an optical guide controlling the direction of light output from the junction.

162162

ACTION

WO 02/103794 A1

Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.