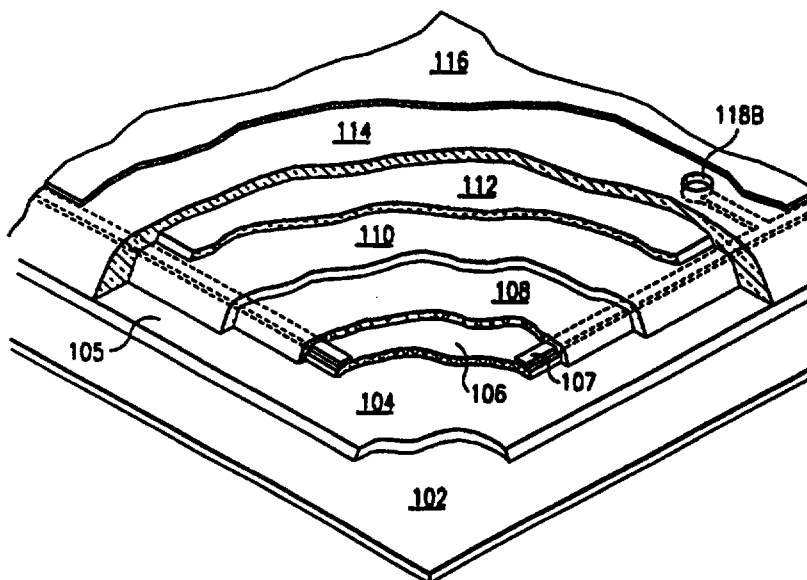




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : H05B 33/00	A1	(11) International Publication Number: WO 98/30069 (43) International Publication Date: 9 July 1998 (09.07.98)
(21) International Application Number: PCT/US97/24074 (22) International Filing Date: 22 December 1997 (22.12.97) (30) Priority Data: 08/774,743 30 December 1996 (30.12.96) US (71) Applicant: E.L. SPECIALISTS, INC. [US/US]; Suite 400, 705 N. Greenville Avenue, Allen, TX 75002 (US). (72) Inventor: BURROWS, Kenneth; 1400 Eldorado Parkway #4201, McKinney, TX 75070 (US). (74) Agents: FORD, Stuart, J. et al.; Fulbright & Jaworski L.L.P., Suite 2800, 2200 Ross Avenue, Dallas, TX 75201 (US).	(81) Designated States: AU, BR, CA, JP, KR, MX, NZ, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>	

(54) Title: ELASTOMERIC ELECTROLUMINESCENT LAMP



(57) Abstract

An elastomeric electroluminescent (EL) lamp is provided wherein an electroluminescent system, advantageously monolithic, is provided in an elastomeric structure. As a result the lamp is thin, pliable and membrane like. A first envelope layer (104) is applied advantageously by screen printing to transfer release paper (102). An EL system (108) is then applied, again advantageously by screen printing to the first envelope layer (104), and then a second envelope layer (114) is applied to seal the EL system (108) within the envelope. Appropriate windows (108) are cut or left open to allow electrical contact with the EL system. An optional adhesive layer (116) then may be applied if the lamp is to be used in transfer form for later affixation to a substrate. Alternatively, the lamp may be used as a self-contained elastomeric component installed in another product.