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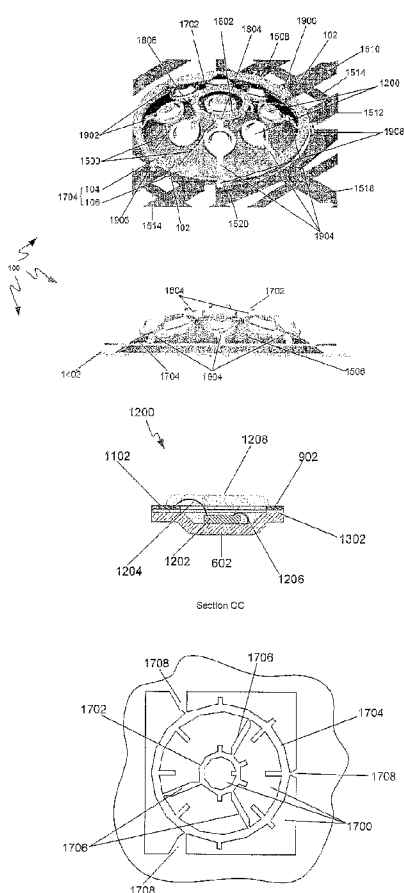
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(54) Title: A LAMP AND A PROCESS FOR PRODUCING A LAMP



(57) Abstract: A process for producing a lamp (100), including forming one or more electrical connectors (1702, 1704) having a predetermined shape for making electrical connections to one or more light source assemblies (1200) mounted at predetermined locations on a non-planar support (1506). The light source assemblies are formed by forming an electrical insulator (1302) on a peripheral region of an electrically conductive receptacle (602), forming an electrically conductive contact (902) adapted to fit the peripheral region, attaching the electrically conductive contact to the electrical insulator, mounting a light source (1202) in the receptacle, and making a first electrical connection (1204) between the a first electrically conductive contact of the receptacle and a first contact of the light source, and a second electrical connection (1206) between a second electrically conductive contact of the receptacle and a second contact of the light source. The light sources mounted in the electrically conductive receptacles are light emitting diodes and are encapsulated in transparent medium (1208). An array of electrically conductive receptacles is formed from sheet metal by stamping and cutting. Connected receptacles are subsequently separated from the sheet. The electrical connectors are first and second annular connectors (1702, 1704) with projections (1802, 1804, 1904, 1908) and are formed from a metal sheet and subsequently separated by removing joining portions (1708) and tie bars (1706).



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