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Beacon system with enhanced insulation and sealing

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ABSTRACT

A runway lighting system, namely for an airport runway, including a power source (10) supplying a constant current to a primary circuit (12) and a plurality of marking lights (14-1 to 14-6) each being connected to the primary circuit by a current transformer (16-1 to 16-6), the secondary winding of which supplies the lamp current. At least a plurality of adjacent transformers forms a multiple assembly without a connection cable. Each transformer features a built-in male connector and a female plug or two built-in female plugs; in this case, the male connector being obtained by inserting one of the two male connectors of a double male connector into one of the two female plugs. The transformers are stacked so as to form said multiple assembly, the male connector of one of the transformers being inserted into the female plug of the immediately adjacent transformer, the male connector of the first transformer and the female plug of the last transformer being connected in series to the primary circuit.

Figure 1