

Title (en)
ILLUMINATING SPOTLIGHT PROJECTOR AND LIGHTING INSTALLATION WITH OFFSET LIGHT SOURCE

Title (de)
SCHEINWERFER UND BELEUCHTUNGSEINRICHTUNG MIT VERSCHOBENEM BRENNPUNKT

Title (fr)
PROJECTEUR D'ECLAIRAGE ET INSTALLATION D'ECLAIRAGE A FOYER LUMINEUX DEPORTE

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Application
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Abstract (en)
[origin: US6682206B1] The invention concerns an illuminating spotlight emitting a narrow beam. The spotlight has a highly concentrated light source and a concave reflector for emitting an illuminating beam in a specific direction, along an emitting axis. A converging lens is interposed between the source and the reflector and in a plane passing through a conical segment. The source is bordered laterally on the reflector side with a sector of the converging lens providing a virtual image of the source located beyond the emitting axis, on the side opposite that of the lens. The virtual image of the light source is formed at the focus of the conical segment locally defining the reflector.

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