

Title (en)

MULTI-PORT ILLUMINATOR FOR LIGHT GUIDES

Title (de)

MEHRFACH-BELEUCHTUNGSVORRICHTUNG FÜR LICHTWELLENLEITER

Title (fr)

SYSTEME D'ECLAIRAGE A ORIFICES MULTIPLES POUR GUIDES DE LUMIERE

Publication

**EP 1005662 A1 20000607 (EN)**

Application

**EP 98911387 A 19980218**

Priority

US 9803172 W 19980218

Abstract (en)

[origin: WO9942870A1] A light guide illumination system having a metal-halide double-ended illumination source is disclosed. The light guide illumination system includes at least one light guide (42, 28, 28a) and two curved reflectors (14) disposed in proximity to the double-ended illumination source. The two curved reflectors (14) are adapted to reflect the emitted light from the double-ended illumination source (12) into the light guide (42, 28, 28a). The light guide illumination system further includes at least one multi-sector lens (38) adapted to receive light from the light guide and at least one output light guide. The multi-sectored lens (38) is adapted to receive the reflected light from the light guide and to focus the light into the output light guide (40).

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