

Title (en)
OPTICAL SYSTEM HAVING AN INCREASED ANGULAR SCAN RANGE

Title (de)
OPTISCHES SYSTEM MIT VERGRÖßERTER WINKLIGER ABTASTREICHWEITE

Title (fr)
SYSTEME OPTIQUE PRESENTANT UNE PLAGE ANGULAIRE DE BALAYAGE AUGMENTEE

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Application
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Abstract (en)
[origin: WO9828736A1] The invention relates to an optical system (1) comprising a radiation source (3) for supplying a radiation beam, and means for providing the radiation beam with a scanning movement through an angular range DELTA THETA . The light path of the scanning radiation beam incorporates at least one set of two optical interfaces (9, 11). The two interfaces (9, 11) mutually enclose an angle alpha and enclose a material having a refractive index n which is different from that of its surroundings.

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