

Title (en)

SYSTEM FOR ILLUMINATING LARGE AREAS IN AN EVEN OR DEFINED MANNER

Title (de)

ANORDNUNG ZUR GLEICHMÄSSIGEN ODER VORGEGBAREN BELEUCHTUNG VON GROSSEN FLÄCHEN

Title (fr)

DISPOSITIF POUR ECLAIRER DE GRANDES SURFACES DE MANIERE HOMOGENE OU PREDETERMINABLE

Publication

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Application

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Abstract (en)

[origin: WO2005071310A1] The invention relates to a system for illuminating large areas in an even or defined manner. The aim of the invention is to provide a system with which large areas having the defined parameters can be illuminated in an inexpensive and variable manner, said system comprising at least one reflective element that is relatively compact. According to the inventive system, light (1') collimated by a light source (1) is directed onto at least one reflecting element (2) having a Fresnel structure reflecting surface. The reflecting element is provided at least in some areas with a disturbance flank-free Fresnel structure having varying angle inclinations relative to the imminent collimated light. The collimated light is collected by these effective flanks and is scattered by the respectively adjacent effective flank.

IPC 8 full level

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