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(54) **Lighting system based on light-emitting diodes with mobile optics for control of the exit light beam**

(57) The LED lighting system (1), with mobile optics for control of the exit light beam, is made up of an LED panel (2) and a mobile optical device (4) with individual optics forming groups with different patterns for different light distributions which are repeated sequentially in each group. The individual LEDs (3) occupy circumferences which are concentric to the centre of the LED panel (2), and the individual optical structures (5) of each group occupy circumferences which are concentric to the cen-

tre of the optical device (4); these positions match the positions occupied by the individual LEDs (3). The optical device (4) is designed as a disc which rotates around axis E and may include the help of driving means (9) in order to turn between a plurality of operating positions, so that at least one of the optical structures (5) of a group is completely or partially situated over one of the individual LEDs (3) when the optical device (4) turns.

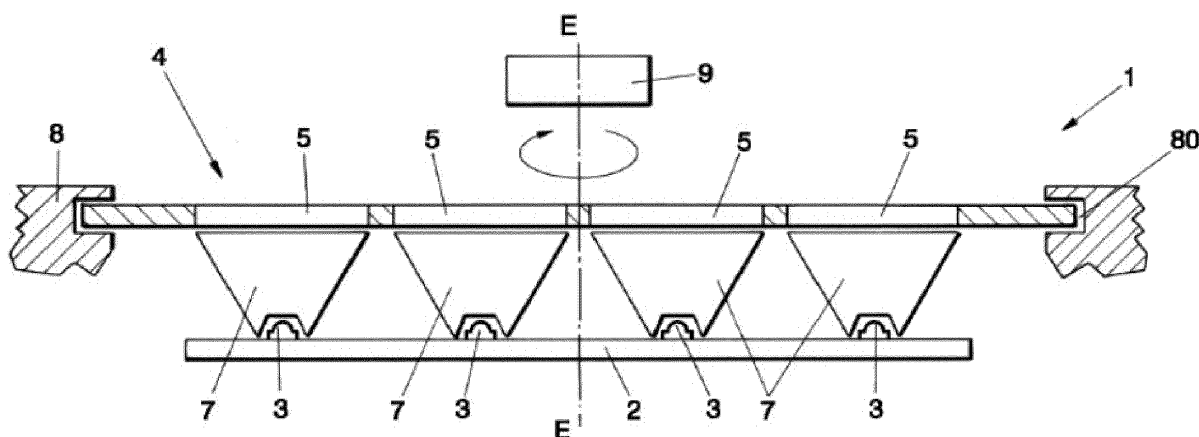


FIG. 1



EUROPEAN SEARCH REPORT

Application Number
EP 12 15 9123

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Place of search The Hague		Date of completion of the search 20 October 2014	Examiner Thibaut, Arthur
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82