Title (en)

ILLUMINATION ARRANGEMENT AND METHOD FOR GENERATING A LIGHT SPOT WITH AN ADJUSTABLE SPOT SIZE

Title (de)

BELEUCHTUNGSANORDNUNG UND VERFAHREN ZUR ERZEUGUNG EINES LICHTSPOTS MIT EINSTELLBARER SPOTGRÖSSE

Title (fr)

SYSTÈME D'ÉCLAIRAGE ET PROCÉDÉ POUR PRODUIRE UNE TACHE DE LUMIÈRE DE TAILLE RÉGLABLE

Publication

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Application

EP 21819382 A 20211122

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Abstract (en)

[origin: WO2022106677A1] An illumination arrangement for generating a light spot with an adjustable spot size, preferably a continuously adjustable spot size, on an illumination surface B is proposed, the illumination arrangement comprising the following: a plurality of brightness-controllable or dimmable illuminants (1, 2, 3), at least one primary optical unit (10; 11, 12, 13) and a control unit (40) designed to control the illuminants (1, 2, 3) independently of one another. The illuminants (1, 2, 3) and the at least one primary optical unit (10; 11, 12, 13) are arranged such that substantially concentric individual light spots (S1, S2, S3) of different sizes are generable on the illumination surface B. The control unit (40) is designed to control the illuminants (1, 2, 3) in such a way that the individual light spots (S1, S2, S3) generated are able to be superimposed on the illumination surface B to form a light spot with an adjustable spot size. Further, a method for adjusting, preferably continuously adjusting, a spot size of a light spot on an illumination surface B is proposed.

IPC 8 full level

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CPC (source: EP)

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