

Title (en)
DEVICE FOR DETERMINING A LOCATION-DEPENDENT INTENSITY PROFILE AND COLOR PROFILE AND/OR SHARPNESS PROFILE OF OPTICAL LENS SYSTEMS

Title (de)
VORRICHTUNG ZUR ERMITTLUNG EINES ORTSABHÄNGIGEN INTENSITÄTS- UND FARBPREFILS UND/ODER SCHÄRFEPREFILS OPTISCHER LINSYSTEME

Title (fr)
DISPOSITIF DE DETERMINATION D'UN PROFIL D'INTENSITE ET DE COULEUR ET/OU DE NETTETE DE SYSTEMES DE LENTILLES OPTIQUES

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Abstract (en)
[origin: WO02097507A2] The invention relates to a device for determining an intensity profile and/or color profile and/or sharpness profile of an optical lens system (3), which projects a test image (1) comprised of measuring fields (5). The projection is indirectly or directly fed to one respective sensor field (6) of electronic color and brightness sensors of a high resolution whose measurement signals that are correlated to the measuring fields (5) are fed to a computer (60). Said computer determines, from the measurement signals, the intensity profile and/or color profile and/or sharpness profile and/or the distortion progression profile, outputs them to an image processing system (62), which serves to electronically correct image defects of images (B) produced by an identical lens system (3), or stores or temporarily stores the profiles on a data carrier (61).

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