

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 LINSSENSYSTEME

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

Publication
EP 1393113 A2 20040303 (DE)

Application
EP 02738120 A 20020528

Priority
• DE 10126546 A 20010530
• DE 20111617 U 20010712
• EP 0205859 W 20020528

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).

IPC 1-7
G02B 7/36

IPC 8 full level
G01M 11/02 (2006.01); **G02B 7/36** (2006.01)

CPC (source: EP)
G01M 11/0264 (2013.01); **G01M 11/0285** (2013.01); **G02B 7/365** (2013.01)

Citation (search report)
See references of WO 02097507A2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02097507 A2 20021205; **WO 02097507 A3 20030320**; EP 1393113 A2 20040303

DOCDB simple family (application)
EP 0205859 W 20020528; EP 02738120 A 20020528