

Title (en)

METHOD AND DEVICE FOR OPTICAL FOCUSING

Title (de)

VERFAHREN UND EINRICHTUNG ZUR OPTISCHEN FOKUSSIERUNG

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FOCALISATION OPTIQUE

Publication

**EP 2664154 A1 20131120 (DE)**

Application

**EP 12713050 A 20120328**

Priority

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- EP 2012055458 W 20120328

Abstract (en)

[origin: WO2012136523A1] The invention relates to a device for optically focusing a projection image projected by a projector (PRJ), comprising a detector (DTC) for the time-controlled creation of at least one observation shot of the projection image, a processing unit (CTR) for the definition of at least one image section within the projection image generated by the projector (PRJ), said image section being modulated in terms of the time period with regard to the optical power and/or the optical spectrum thereof, and for the essentially synchronous comparison of the at least one image section of the projection image and the corresponding respective image section of the observation shot. The processing unit (CTR) is further equipped for the calculation of a variable derived from the comparison of the respective image sections and a control signal derived from said variable, and for the output of the control signal to a focusing device of the projector.

IPC 8 full level

**H04N 9/31** (2006.01)

CPC (source: EP KR US)

**G03B 21/53** (2013.01 - EP KR US); **G09G 5/10** (2013.01 - US); **H04N 7/18** (2013.01 - KR); **H04N 9/31** (2013.01 - KR); **H04N 9/317** (2013.01 - EP US); **H04N 9/3194** (2013.01 - EP US)

Citation (search report)

See references of WO 2012136523A1

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