

Title (en)

LENS ASSEMBLIES AND ACTUATORS FOR OPTICAL SYSTEMS AND METHODS THEREFOR

Title (de)

LINSENANORDNUNGEN UND AKTUATOREN FÜR OPTISCHE SYSTEME UND VERFAHREN DAFÜR

Title (fr)

BLOCS DE LENTILLES ET ACTIONNEURS POUR SYSTÈMES OPTIQUES, ET PROCÉDÉS ASSOCIÉS

Publication

EP 3080654 A1 20161019 (EN)

Application

EP 15740706 A 20150108

Priority

- IB 2013002905 W 20131108
- US 201461925215 P 20140108
- IB 2015000409 W 20150108

Abstract (en)

[origin: WO2015110916A1] An optical zoom in a small form factor suitable for use in mobile devices such as cell phones, security cameras, and other small-scale imaging systems. One or more Alvarez lens pairs are provided, and moved transversely to the optical axis. The combination of one or more Alvarez lens pairs and the actuator permits a zoom power of at least 3x with a lateral displacement distance of the optical components of approximately five millimeters or less.

IPC 8 full level

G02B 13/18 (2006.01); **G02B 13/00** (2006.01)

CPC (source: EP)

G02B 3/0081 (2013.01); **G02B 7/102** (2013.01); **G02B 13/0065** (2013.01); **G02B 13/0075** (2013.01)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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