

(12) UK Patent Application (19) GB 2501414 (13) A
 (43) Date of Reproduction by UK Office 23.10.2013

(21) Application No:	1311741.1	(51) INT CL:	H04N 5/232 (2006.01) G02B 7/28 (2006.01) G02B 7/36 (2006.01) G03B 13/32 (2006.01) G03B 13/36 (2006.01) G06T 7/00 (2006.01) G02B 7/04 (2006.01) G02B 7/09 (2006.01) G02B 15/14 (2006.01) G03B 3/10 (2006.01) G03B 13/34 (2006.01)
(22) Date of Filing:	09.06.2011	(56) Documents Cited:	GB 2475983 A US 20100128144 A1 US 20090102963 A1 US 20060062484 A1 US 20060029284 A1 US 20030099044 A1 US 20020114015 A1
Date Lodged:	01.07.2013	(58) Field of Search:	INT CL G02B, G03B, G06T, H04N Other: EPO-Internal, INSPEC
(30) Priority Data:	(31) IB2010055649 (32) 07.12.2010 (33) IB		
(86) International Application Data:	PCT/IB2011/052515 En 09.06.2011		
(87) International Publication Data:	WO2012/076992 En 14.06.2012		
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(54) Title of the Invention: **Auto-focus image system**
 Abstract Title: **Auto-focus image system**

(57) An auto focus image system that includes a pixel array coupled to a focus signal generator. The pixel array captures an image that has a plurality of edges. The generator generates a focus signal that is a function of a plurality of edge-sharpness measures, each one measured from one of the plurality of edges. The generator may determine to reduce a relative extent to which an edge contributes to the focus signal on basis of a pair of shape measures of the edge that are measured from a plurality of sample-pair differences, where each sample-pair difference is a difference between a pair of samples of image data within a predetermined neighborhood of the edge. One of the shape measures may be the edge-sharpness measure of the edge.

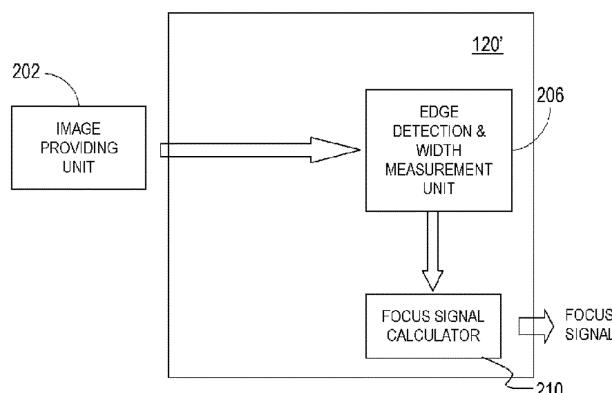


FIG. 30

GB 2501414 A