

Title (en)
AUTO-FOCUS IMAGE SYSTEM

Title (de)
BILDSYSTEM MIT AUUTOFOKUS

Title (fr)
SYSTÈME D'IMAGERIE À MISE AU POINT AUTOMATIQUE

Publication
EP 2649787 A1 20131016 (EN)

Application
EP 11735545 A 20110609

Priority
• IB 2010055649 W 20101207
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Abstract (en)
[origin: WO2012076992A1] 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.

IPC 8 full level
H04N 5/232 (2006.01); **G02B 7/36** (2006.01)

CPC (source: EP GB US)
G02B 7/28 (2013.01 - GB); **G02B 7/36** (2013.01 - EP GB); **G03B 13/32** (2013.01 - GB); **G03B 13/36** (2013.01 - GB); **G06T 7/13** (2016.12 - GB); **H04N 23/67** (2023.01 - EP GB US); **G02B 7/04** (2013.01 - GB); **G02B 7/09** (2013.01 - GB); **G02B 15/14** (2013.01 - GB); **G03B 3/10** (2013.01 - GB); **G03B 13/34** (2013.01 - GB); **G06T 7/00** (2013.01 - GB); **G06T 7/10** (2016.12 - GB); **G06T 2207/10148** (2013.01 - GB)

Citation (search report)
See references of WO 2012076992A1

Designated contracting state (EPC)
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