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
- IB 2011052515 W 20110609

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)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

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