

Title (en)
METHOD AND DEVICE FOR ADAPTING A FILTER PROPERTY OF AN ADAPTIVE COLOR FILTER AND FOR OPERATING AN IMAGE SENSOR

Title (de)
VERFAHREN UND VORRICHTUNG ZUM ANPASSEN EINER FILTEREIGENSCHAFT EINES ADAPTIVEN FARBFILTERS UND ZUM BETREIBEN EINES BILDAUFNEHMERS

Title (fr)
PROCÉDÉ ET DISPOSITIF PERMETTANT D'ADAPTER UNE PROPRIÉTÉ D'UN FILTRE CHROMATIQUE ADAPTATIF ET DE FAIRE FONCTIONNER UN CAPTEUR D'IMAGES

Publication
EP 2749030 A1 20140702 (DE)

Application
EP 12738094 A 20120717

Priority
• DE 102011081358 A 20110823
• EP 2012063997 W 20120717

Abstract (en)
[origin: WO2013026627A1] The invention relates to a method for adapting a filter property of an adaptive color filter (223) of a pixel (220) of an image sensor of a camera (102). The method comprises a step of determining (445) a required detection property of the pixel, a step of determining (447) a required filter property of the color filter in order to realize the required detection property of the pixel, and a step of providing (449) a setting signal for setting the filter property of the color filter according to the required filter property.

IPC 8 full level
H04N 23/12 (2023.01); **B60Q 1/14** (2006.01); **H04N 1/48** (2006.01)

CPC (source: EP US)
H04N 1/482 (2013.01 - EP US); **H04N 23/12** (2023.01 - EP US); **H04N 23/84** (2023.01 - EP US); **H04N 25/11** (2023.01 - EP US)

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)
DE 102011081358 A1 20130228; CN 103891274 A 20140625; EP 2749030 A1 20140702; JP 2014529951 A 20141113; KR 20140059245 A 20140515; US 2014333806 A1 20141113; WO 2013026627 A1 20130228

DOCDB simple family (application)
DE 102011081358 A 20110823; CN 201280051337 A 20120717; EP 12738094 A 20120717; EP 2012063997 W 20120717; JP 2014526430 A 20120717; KR 20147007249 A 20120717; US 201214240201 A 20120717