

Title (en)

CAMERA SYSTEM AND ASSOCIATED METHODS

Title (de)

KAMERASYSTEM UND ZUGEHÖRIGE VERFAHREN

Title (fr)

SYSTEME DE CAMERA ET METHODES ASSOCIEES

Publication

**EP 2044629 A4 20120801 (EN)**

Application

**EP 07796897 A 20070717**

Priority

- US 2007016156 W 20070717
- US 48758006 A 20060717
- US 85536506 P 20061031

Abstract (en)

[origin: WO2008011003A2] A camera system may include an optics stack including two substrates, the optics stack forming an imaging system, each substrate having two surfaces that are parallel to each other and perpendicular to an optical axis of the imaging system, the optics stack including a securing region on opposing surfaces of the two substrates, the two substrates being secured together on a wafer level at their respective securing regions, at least one of the surfaces of the two substrates including a refractive surface of the imaging system, a detector substrate having an active area and a cover structure protecting at least the active area of the detector substrate, the optics stack being secured to an upper surface of the cover structure.

IPC 8 full level

**H01L 27/148** (2006.01); **H01L 27/146** (2006.01); **H04N 5/225** (2006.01)

CPC (source: EP KR US)

**G02B 7/021** (2013.01 - EP); **G02B 7/025** (2013.01 - EP); **G02B 13/003** (2013.01 - EP); **G02B 13/0035** (2013.01 - EP); **G02B 13/006** (2013.01 - EP); **G02B 13/0085** (2013.01 - EP); **H01L 27/14** (2013.01 - KR); **H01L 27/14618** (2013.01 - EP); **H01L 27/14625** (2013.01 - EP); **H01L 27/14685** (2013.01 - EP); **H01L 31/0203** (2013.01 - EP); **H01L 31/02325** (2013.01 - EP); **H04N 23/00** (2023.01 - KR); **H04N 23/55** (2023.01 - EP US); **H04N 23/57** (2023.01 - EP); **G02B 6/4206** (2013.01 - EP); **G02B 6/4249** (2013.01 - EP); **H01L 2924/0002** (2013.01 - EP)

Citation (search report)

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- [XAI] WO 2004027880 A2 20040401 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2008011003 A2 20080124; WO 2008011003 A3 20080626**; CN 101512768 A 20090819; CN 101512768 B 20121121; EP 2044629 A2 20090408; EP 2044629 A4 20120801; JP 2009544226 A 20091210; JP 2013153537 A 20130808; JP 5292291 B2 20130918; JP 5372280 B2 20131218; KR 101185881 B1 20120925; KR 20090034981 A 20090408

DOCDB simple family (application)

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