

Title (en)
IMAGE ACQUISITION SYSTEM

Title (de)
BILDERFASSUNGSSYSTEM

Title (fr)
SYSTEME D'ACQUISITION D'IMAGES

Publication
EP 3593342 A1 20200115 (FR)

Application
EP 18712962 A 20180306

Priority
• FR 1751789 A 20170306
• FR 1757669 A 20170811
• FR 2018050516 W 20180306

Abstract (en)
[origin: WO2018162842A1] The invention relates to an image acquisition system (10) comprising: - a source (22) of radiation (44); an image sensor (14) comprising a matrix of photodetectors adapted to detect said radiation and having one face (15); and - an angular filter (16), covering the sensor, and adapted to block the rays of said radiation the incidence of which relative to a direction orthogonal to the face is greater than a threshold, and to receive at least some rays of said radiation the incidence of which relative to a direction orthogonal to the face is lower than the threshold.

IPC 8 full level
G09G 3/32 (2016.01); **G06F 3/041** (2006.01); **G06F 3/042** (2006.01); **G06K 9/00** (2006.01); **G09G 3/3208** (2016.01); **H01L 27/146** (2006.01); **H01L 27/30** (2006.01); **H01L 27/32** (2006.01)

CPC (source: CN EP KR US)
G03B 11/00 (2013.01 - CN); **G03B 30/00** (2021.01 - CN); **G06F 3/0412** (2013.01 - CN); **G06F 3/042** (2013.01 - CN US); **G06F 3/0428** (2013.01 - CN EP KR); **G06V 10/147** (2022.01 - CN); **G06V 10/17** (2022.01 - CN EP KR US); **G06V 40/12** (2022.01 - CN EP KR US); **G06V 40/1318** (2022.01 - CN EP KR US); **G09G 3/3208** (2013.01 - CN EP KR US); **H01L 27/14627** (2013.01 - CN EP KR); **H01L 27/14678** (2013.01 - CN EP KR); **H10K 39/32** (2023.02 - CN EP KR US); **H10K 59/12** (2023.02 - US); **H10K 59/40** (2023.02 - CN US); **H10K 59/65** (2023.02 - CN EP KR); **H10K 65/00** (2023.02 - CN US); **G06F 3/0412** (2013.01 - EP); **G06F 3/042** (2013.01 - EP); **G06F 2203/04103** (2013.01 - CN US); **G09G 2300/023** (2013.01 - CN EP KR); **G09G 2360/144** (2013.01 - CN EP KR); **H10K 59/12** (2023.02 - CN EP KR)

Cited by
FR3117615A1; US2023306779A1; US11928888B2; WO2022038034A1; WO2022128337A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
FR 3063564 A1 20180907; **FR 3063564 B1 20210528**; CN 110603579 A 20191220; CN 110603579 B 20220708; CN 115082651 A 20220920; EP 3593342 A1 20200115; EP 4148718 A1 20230315; FR 3063596 A1 20180907; FR 3063596 B1 20210423; JP 2020511713 A 20200416; JP 2022185109 A 20221213; JP 7158399 B2 20221021; KR 20190140439 A 20191219; US 11037012 B2 20210615; US 2020380282 A1 20201203; WO 2018162842 A1 20180913

DOCDB simple family (application)
FR 1751789 A 20170306; CN 201880030050 A 20180306; CN 202210687918 A 20180306; EP 18712962 A 20180306; EP 22205316 A 20180306; FR 1757669 A 20170811; FR 2018050516 W 20180306; JP 2019548435 A 20180306; JP 2022163330 A 20221011; KR 20197029231 A 20180306; US 201816491830 A 20180306