

Title (en)

DIGITAL PHOTOGRAPHY METHOD AND DIGITAL CAMERA

Title (de)

DIGITALFOTOGRAFIEVERFAHREN UND DIGITALKAMERA

Title (fr)

PROCEDE DE PHOTOGRAPHIE NUMERIQUE ET APPAREIL PHOTO NUMERIQUE

Publication

EP 1374564 A2 20040102 (DE)

Application

EP 01914941 A 20010330

Priority

- CH 0100206 W 20010330
- US 82179201 A 20010330

Abstract (en)

[origin: WO0152525A2] The aim of the invention is to remove in terms of their effect on imaging sensor-related defects. To this end, the sensor matrix (1) is mechanically shifted by a predetermined vector ($\langle o \rangle S \langle /o \rangle$). Since the mechanic shift leads to a shift of the imaging of the imaging ray (B1, B2) but not to a shift of the defects (xz, yz), a comparison of the images stored before and after the mechanical shift (71, 72, 9) and the comparative signal matrix DELTA resulting from said comparison can be used to detect where sensor-related defects are located.

IPC 1-7

H04N 5/217

IPC 8 full level

H04N 5/217 (2006.01); **H04N 5/367** (2011.01)

CPC (source: EP US)

H04N 23/811 (2023.01 - EP US); **H04N 25/683** (2023.01 - EP US)

Citation (search report)

See references of WO 0152525A2

Designated contracting state (EPC)

CH DE DK GB LI NL

DOCDB simple family (publication)

WO 0152525 A2 20010719; WO 0152525 A3 20020131; AU 4220901 A 20010724; EP 1374564 A2 20040102; US 2004207738 A1 20041021

DOCDB simple family (application)

CH 0100206 W 20010330; AU 4220901 A 20010330; EP 01914941 A 20010330; US 82179201 A 20010330