

Title (en)

Method and device to record mobile objects by means of a image resolving sensor

Title (de)

Verfahren und Vorrichtung zur Aufnahme von bewegten Objekten mittels eines bildauflösenden Sensors

Title (fr)

Procédé et dispositif d'enregistrement d'objets mobiles à l'aide d'un capteur d'image

Publication

EP 1085483 A3 20021009 (DE)

Application

EP 00119375 A 20000911

Priority

DE 19944422 A 19990916

Abstract (en)

[origin: EP1085483A2] The method involves recording a moving object (10) illuminated through a light source (14). The equipment includes an image sensor (22) with an arrangement of detector elements formed by CMOS (Complementary Metal-Oxide Semiconductor) photo-diodes, on which an image of the object is produced. The detector elements supply a signal which corresponds to a current brightness falling on the detector element, and are read successively in a finite period of time. The object is illuminated through light pulses, and signals still available for a short period of time on the detector elements are read after the end of the light pulse. An Independent claim is provided for a corresponding detection arrangement.

IPC 1-7

G08G 1/04

IPC 8 full level

G08G 1/04 (2006.01)

CPC (source: EP)

G08G 1/04 (2013.01)

Citation (search report)

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- [A] WO 9909453 A2 19990225 - POLAROID CORP [US]
- [A] EP 0905539 A2 19990331 - BODENSEEWERK GERAETETECH [DE]
- [A] US 5550628 A 19960827 - KAWABATA TAKASHI [JP]
- [A] US 3858063 A 19741231 - SALEME J

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1085483 A2 20010321; EP 1085483 A3 20021009; DE 19944422 A1 20010322

DOCDB simple family (application)

EP 00119375 A 20000911; DE 19944422 A 19990916