



(11) **EP 2 573 708 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:
Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 72

(51) Int Cl.:
G06K 9/00 (2006.01) G06K 9/20 (2006.01)

(48) Corrigendum issued on:
20.03.2019 Bulletin 2019/12

(45) Date of publication and mention
of the grant of the patent:
10.10.2018 Bulletin 2018/41

(21) Application number: **12181018.8**

(22) Date of filing: **20.08.2012**

(54) **Method and System for Detecting Vehicle Position by Employing Polarization Image**

Verfahren und System zur Erkennung der Fahrzeugposition durch Verwendung eines
Polarisierungsbildes

Procédé et système de détection de position de véhicule en utilisant une image de polarisation

(84) Designated Contracting States:
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

(30) Priority: **07.09.2011 CN 201110263794**

(43) Date of publication of application:
27.03.2013 Bulletin 2013/13

(73) Proprietor: **Ricoh Company, Ltd.**
Tokyo 143-8555 (JP)

(72) Inventors:
• **LIU, Tong**
100044 Beijing (CN)
• **SHI, Zhongchao**
100044 Beijing (CN)
• **ZHONG, Cheng**
100044 Beijing (CN)
• **LIU, Yuan**
100044 Beijing (CN)

• **CHEN, Yi**
100044 Beijing (CN)

(74) Representative: **SSM Sandmair**
Patentanwälte Rechtsanwalt
Partnerschaft mbB
Joseph-Wild-Straße 20
81829 München (DE)

(56) References cited:
WO-A1-2011/078300

• **Nico Kaempchen ET AL: "FUSION OF LASERSCANNER AND VIDEO FOR ADVANCED DRIVER ASSISTANCE SYSTEMS", Proceedings of the 11th World Congress on Intelligent Transportation Systems, 1 October 2004 (2004-10-01), pages 1-8, XP055119333, Nagoya, Japan Retrieved from the Internet: URL:<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.58.7969&rep=rep1&type=pdf> [retrieved on 2014-05-21]**

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

EP 2 573 708 B8