



(11) **EP 3 963 548 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:
Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 84

(51) International Patent Classification (IPC):
G06T 7/73 ^(2017.01) **G06V 10/143** ^(2022.01)
G06V 20/10 ^(2022.01) **G06V 20/64** ^(2022.01)
G06V 40/10 ^(2022.01)

(48) Corrigendum issued on:
11.10.2023 Bulletin 2023/41

(52) Cooperative Patent Classification (CPC):
G06T 7/73; G06V 10/143; G06V 20/10;
G06V 20/64; G06V 40/10; G06T 2207/30244

(45) Date of publication and mention
of the grant of the patent:
06.09.2023 Bulletin 2023/36

(86) International application number:
PCT/GB2020/051005

(21) Application number: **20721289.5**

(87) International publication number:
WO 2020/221989 (05.11.2020 Gazette 2020/45)

(22) Date of filing: **23.04.2020**

(54) **A SYSTEM AND METHOD FOR LOCALISATION USING FOOTPRINTS**

SYSTEM UND VERFAHREN ZUR LOKALISIERUNG MITTELS FUSSSPUREN

SYSTÈME ET PROCÉDÉ DE LOCALISATION À L'AIDE D'EMPREINTES

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR 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: **29.04.2019 GB 201905945**
29.04.2019 EP 19275060

(43) Date of publication of application:
09.03.2022 Bulletin 2022/10

(73) Proprietor: **BAE SYSTEMS plc**
London SW1Y 5AD (GB)

(72) Inventors:
• **ASHCROFT, Jennifer**
Rochester Kent ME1 2XX (GB)
• **JACKSON, Eddie**
Swindon Wiltshire SN6 8LA (GB)

(74) Representative: **BAE SYSTEMS plc**
Group IP Department
Warwick House
P.O. Box 87
Farnborough Aerospace Centre
Farnborough Hampshire GU14 6YU (GB)

(56) References cited:
KR-B1- 101 640 563 US-A1- 2004 059 264

- **HUANGSHIYAO ET AL: "Camera Calibration from Periodic Motion of a Pedestrian", 2016 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION (CVPR), IEEE, 27 June 2016 (2016-06-27), pages 3025-3033, XP033021484, DOI: 10.1109/CVPR.2016.330**
- **VINCENT LEPETIT ET AL: "EPnP: An Accurate O(n) Solution to the PnP Problem", INTERNATIONAL JOURNAL OF COMPUTER VISION., vol. 81, no. 2, 19 July 2008 (2008-07-19), pages 155-166, XP055627426, US ISSN: 0920-5691, DOI: 10.1007/s11263-008-0152-6**

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).