



(11) **EP 4 016 474 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**

(15) Correction information:
Corrected version no 1 (W1 A2)
Corrections, see
Bibliography INID code(s) 71

(51) International Patent Classification (IPC):
G06V 20/52 (2022.01)

(52) Cooperative Patent Classification (CPC):
G06V 20/52; H04N 7/181; G06V 2201/08

(48) Corrigendum issued on:
10.08.2022 Bulletin 2022/32

(43) Date of publication:
22.06.2022 Bulletin 2022/25

(21) Application number: **22170540.3**

(22) Date of filing: **28.04.2022**

(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
Designated Extension States:
BA ME
Designated Validation States:
KH MA MD TN

(72) Inventors:
• **Du, Yuting**
Beijing, 100085 (CN)
• **Dai, Xu**
Beijing, 100085 (CN)
• **Sun, Mengyao**
Beijing, 100085 (CN)
• **Wen, Shilei**
Beijing, 100085 (CN)

(30) Priority: **28.04.2021 CN 202110469314**

(71) Applicant: **BEIJING BAIDU NETCOM SCIENCE**
TECHNOLOGY CO., LTD.
No. 10 Shangdi 10th Street
Haidian District
Beijing 100085 (CN)

(74) Representative: **Hoffmann Eitle**
Patent- und Rechtsanwälte PartmbB
Arabellastraße 30
81925 München (DE)

(54) **METHOD AND APPARATUS OF RECOGNIZING ILLEGAL PARKING OF VEHICLE, DEVICE AND STORAGE MEDIUM**

(57) Provided are a method and an apparatus of recognizing illegal parking of a vehicle, a device, a storage medium and a computer program product, which relate to the field of artificial intelligence, and in particular to the fields of deep learning, cloud computing, computer vision, etc. The method includes: obtaining a video image collected by an electronic device; recognizing a parking area of the vehicle in the video image; determining a shooting angle used by the electronic device for collecting the video image; determining an illegal parking area in the video image based on the shooting angle; and recognizing whether the vehicle is illegally parked or not based on the parking area of the vehicle and the illegal parking area. -

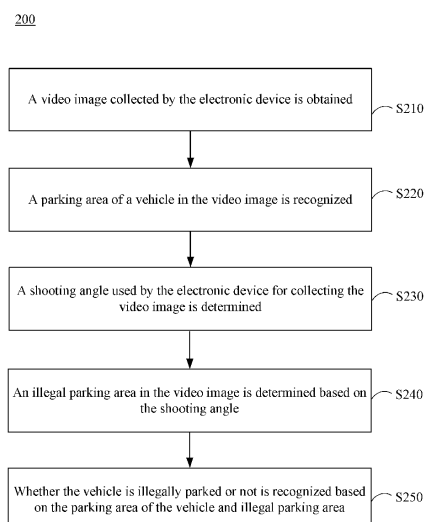


FIG. 2

EP 4 016 474 A8