



(11) **EP 4 358 152 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

- (15) Correction information:
Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 73

(48) Corrigendum issued on:
18.06.2025 Bulletin 2025/25

(45) Date of publication and mention
of the grant of the patent:
09.04.2025 Bulletin 2025/15

(21) Application number: **22922577.6**

(22) Date of filing: **29.09.2022**
- (51) International Patent Classification (IPC):
H03K 5/133 ^(2014.01) **G01L 5/16** ^(2020.01)
G01L 25/00 ^(2006.01) **A46B 15/00** ^(2006.01)
A61C 17/22 ^(2006.01)

(52) Cooperative Patent Classification (CPC):
H03K 5/133; A46B 15/0012; A61C 17/221;
G01L 5/16; G01L 25/00

(86) International application number:
PCT/CN2022/122754

(87) International publication number:
WO 2024/050900 (14.03.2024 Gazette 2024/11)

(54) **ASIC CHIP, AS WELL AS SENSORS AND ELECTRIC TOOTHBRUSH USING SAME**
ANWENDUNGSSPEZIFISCHER CHIP MIT INTEGRIERTER SCHALTUNG (ASIC) SOWIE SENSOR
UND ELEKTRISCHE ZAHNBÜRSTE DAMIT
PUCE ASIC, AINSI QUE CAPTEURS ET BROSSÉ À DENTS ÉLECTRIQUE UTILISANT CELLE-CI

- | | |
|---|---|
| <p>(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</p> <p>(30) Priority: 05.09.2022 CN 202211075505</p> <p>(43) Date of publication of application:
24.04.2024 Bulletin 2024/17</p> <p>(73) Proprietor: Nanjing Prime Semiconductor Co., Ltd.
Nanjing, Jiangsu 210000 (CN)</p> | <p>(72) Inventor: HUANG, Sunfeng
Nanjing, Jiangsu 210000 (CN)</p> <p>(74) Representative: Bandpay & Greuter
11 rue Christophe Colomb
75008 Paris (FR)</p> <p>(56) References cited:
EP-A1- 3 772 640 CN-A- 108 309 486
CN-A- 109 738 109 CN-A- 114 207 399
US-A1- 2007 005 285 US-A1- 2009 064 791
US-A1- 2010 171 530</p> |
|---|---|

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).