



(11) **EP 3 641 049 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

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

(51) International Patent Classification (IPC):
H01P 3/06 (2006.01) **H01Q 9/04** (2006.01)
H01P 3/08 (2006.01)

(48) Corrigendum issued on:
06.04.2022 Bulletin 2022/14

(52) Cooperative Patent Classification (CPC):
H01Q 9/0407; H01P 3/06; H01P 3/085

(45) Date of publication and mention
of the grant of the patent:
26.01.2022 Bulletin 2022/04

(21) Application number: **19202456.0**

(22) Date of filing: **10.10.2019**

(54) **LOW-LOSS AND FLEXIBLE TRANSMISSION LINE-INTEGRATED ANTENNA FOR MMWAVE BAND**

VERLUSTARME UND FLEXIBLE ÜBERTRAGUNGSLEITUNGSINTEGRIERTE ANTENNE FÜR
MILLIMETERWELLENBAND

ANTENNE À FAIBLE PERTE ET À TRANSMISSION FLEXIBLE INTÉGRÉE DANS UNE LIGNE POUR
BANDE D'ONDES MILLIMÉTRIQUES

(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: **18.10.2018 KR 20180124672**

(43) Date of publication of application:
22.04.2020 Bulletin 2020/17

(73) Proprietor: **SENSORVIEW CO., LTD.**
Gyeonggi-do 13493 (KR)

(72) Inventors:
• **KIM, Byoung Nam**
14549 Gyeonggi-do (KR)
• **YOO, Hong Il**
07809 Seoul (KR)

(74) Representative: **Sander, Rolf**
IPNY AB
Birger Jarlsgaten 99A
11356 Stockholm (SE)

(56) References cited:
EP-A1- 2 334 156 KR-A- 20070 071 816
US-A1- 2015 084 825

- **SANZ-IZQUIERDO B ET AL: "Compact UWB Monopole Antenna for System-on-Package Applications", ANTENNA TECHNOLOGY SMALL ANTENNAS AND NOVEL METAMATERIALS, 2006 IEEE INTERNATIONAL WORKSHOP ON CROWNE PLAZA HOTEL, WHITE PLAINS, NEW YORK MARCH 6-8, 2006, PISCATAWAY, NJ, USA, IEEE, 6 March 2006 (2006-03-06), pages 68-71, XP010910917, DOI: 10.1109/IWAT.2006.1608977 ISBN: 978-0-7803-9443-8**
- **MCKINZIE WILLIAM E ET AL: "60-GHz $\lambda/2$ LTCC Patch Antenna Array With an Integrated EBG Structure for Gain Enhancement", IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS, vol. 15, 12 January 2016 (2016-01-12), pages 1522-1525, XP011610213, ISSN: 1536-1225, DOI: 10.1109/LAWP.2016.2517141 [retrieved on 2016-05-12]**

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 3 641 049 B8