(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) EP 4 346 557 B8

(12) **FASCICULE DE BREVET EUROPEEN CORRIGE**

(15) Information de correction:
Version corrigée no 1 (W1 B1)
Corrections, voir
Bibliographie code(s) INID 73

(48) Corrigendum publié le:
25.06.2025 Bulletin 2025/26

(45) Date de publication et mention de la délivrance du brevet:
21.05.2025 Bulletin 2025/21

(21) Numéro de dépôt: **22731196.6**

(22) Date de dépôt: **31.05.2022**

(51) Classification Internationale des Brevets (IPC):
A61B 5/00 *(2006.01)* ***A61B 5/0531*** *(2021.01)*
A61B 5/145 *(2006.01)* ***G16H 10/40*** *(2018.01)*
G16H 40/63 *(2018.01)* ***G16H 50/20*** *(2018.01)*

(52) Classification Coopérative des Brevets (CPC):
A61B 5/14517; G16H 10/40; G16H 50/20

(86) Numéro de dépôt international:
PCT/EP2022/064783

(87) Numéro de publication internationale:
WO 2022/253843 (08.12.2022 Gazette 2022/49)

(54) **DETECTION D'UNE ESPECE CHIMIQUE DANS LA SUEUR D'UN SUJET**

NACHWEIS EINER CHEMISCHEN SPEZIES IM SCHWEISS EINER PERSON

DETECTION OF A CHEMICAL SPECIES IN THE SWEAT OF A SUBJECT

(84) Etats contractants désignés:
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
Etats de validation désignés:
MA TN

(30) Priorité: **02.06.2021 FR 2105827**

(43) Date de publication de la demande:
10.04.2024 Bulletin 2024/15

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(56) Documents cités:
WO-A1-2019/229380 WO-A2-2016/061362
US-A1- 2019 110 722

- **KENNY WALTER: "Novel Wearable Sensor Monitors Health Through Sweat Using Nanotech", -RESEARCH & DEVELOPMENT WORLD, 26 April 2019 (2019-04-26), XP055738166, Retrieved from the Internet <URL:https://www.rdworldonline.com/novel-wearable-sensor-monitors-health-through-sweat-using-nanotech/> [retrieved on 20201008]**
- **JUNGIL CHOI ET AL: "Skin-interfaced systems for sweat collection and analytics", SCIENCE, vol. 4, no. 2, 16 February 2018 (2018-02-16), US, pages eaar3921, XP055526287, ISSN: 0036-8075, DOI: 10.1126/sciadv.aar3921**

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(Cont. page suivante)

- YEJIN HA ET AL: "Measurements of Location-Dependent Nitric Oxide Levels on Skin Surface in relation to Acupuncture Point", EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE, vol. 2012, 1 January 2012 (2012-01-01), US, pages 1 - 7, XP055524807, ISSN: 1741-427X, DOI: 10.1155/2012/781460
- RICHARD WELLER ET AL: "Nitric Oxide Is Generated on the Skin Surface by Reduction of Sweat Nitrate", JOURNAL OF INVESTIGATIVE DERMATOLOGY, vol. 107, no. 3, 1 September 1996 (1996-09-01), pages 327 - 331, XP055205544, DOI: 10.1111/1523-1747.ep12363167
- YOKOTA K ET AL: "MOLECULAR CLONING OF A NEW HUMAN C-TYPE LECTIN WITH SIGNIFICANT HOMOLOGY TO MOUSE DECTIN-2", JOURNAL OF INVESTIGATIVE DERMATOLOGY, ELSEVIER, NL, vol. 110, no. 4, 1 April 1998 (1998-04-01), pages 1, XP000828222, ISSN: 0022-202X, DOI: 10.1046/J.1523-1747.1998.00084.X
- BYEONG WAN AN ET AL: "Smart Sensor Systems for Wearable Electronic Devices", POLYMERS, vol. 9, no. 12, 25 July 2017 (2017-07-25), pages 303, XP055526164, DOI: 10.3390/polym9080303
- ANASTASOVA SALZITSA ET AL: "A wearable multisensing patch for continuous sweat monitoring", vol. 93, 1 July 2017 (2017-07-01), Amsterdam , NL, pages 139 - 145, XP055818838, ISSN: 0956-5663, Retrieved from the Internet <URL:https://www.researchgate.net/profile/Salzitsa-Anastasova/publication/308491565_A_Wearable_Multisensing_Patch_for_Continuous_Sweat_Monitoring/links/59461f8caca2722db4a32b81/A-Wearable-Multisensing-Patch-for-Continuous-Sweat-Monitoring.pdf> DOI: 10.1016/j.bios.2016.09.038
- SHERIDAN EOIN ET AL: "Bipolar electrode depletion: membraneless filtration of charged species using an electrogenerated electric field gradient", ANALYST, vol. 136, no. 20, 1 January 2011 (2011-01-01), UK, pages 4134, XP055963569, ISSN: 0003-2654, Retrieved from the Internet <URL:https://pubs.rsc.org/en/content/articlepdf/2011/an/c1an15510e> DOI: 10.1039/c1an15510e