



(11) **EP 3 860 440 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:
11.12.2024 Bulletin 2024/50

(45) Date of publication and mention
of the grant of the patent:
06.11.2024 Bulletin 2024/45

(21) Application number: **19869707.0**

(22) Date of filing: **02.10.2019**

(51) International Patent Classification (IPC):
A61B 5/11 (2006.01)

(52) Cooperative Patent Classification (CPC):
A61B 5/1117; A61B 5/112; A61B 2562/0219;
G06F 2218/00

(86) International application number:
PCT/US2019/054324

(87) International publication number:
WO 2020/072666 (09.04.2020 Gazette 2020/15)

(54) **METHOD AND SYSTEM FOR ASSESSING HUMAN MOVEMENTS**

VERFAHREN UND SYSTEM ZUR BEURTEILUNG MENSCHLICHER BEWEGUNGEN

PROCÉDÉ ET SYSTÈME D'ÉVALUATION DE MOUVEMENTS HUMAINS

(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: **03.10.2018 US 201862740559 P**
30.09.2019 US 201916588227

(43) Date of publication of application:
11.08.2021 Bulletin 2021/32

(73) Proprietor: **Surge Motion Inc.**
Fremont, CA 94536 (US)

(72) Inventors:
• **CHEUNG, Jeffrey Tai Kin**
Fremont, California 94536 (US)
• **CHEUNG, Derek T.**
San Mateo, California 94402 (US)
• **CHEUNG, Vicky L.**
Portland, Oregon 97229 (US)

• **JIN, Gary N.**
Portland, Oregon 97229 (US)

(74) Representative: **Bryn-Jacobsen, Caelia et al**
Kilburn & Strode LLP
Lacon London
84 Theobalds Road
London WC1X 8NL (GB)

(56) References cited:
WO-A1-2017/216103 US-A1- 2017 042 453
US-A1- 2018 220 935

• **CUI XINGRAN ET AL: "Development of a new**
approach to quantifying stepping stability using
ensemble empirical mode decomposition", GAIT
& POSTURE, ELSEVIER, AMSTERDAM, NL, vol.
39, no. 1, 8 September 2013 (2013-09-08), pages
495 - 500, XP028784822, ISSN: 0966-6362, DOI:
10.1016/J.GAITPOST.2013.08.036

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).