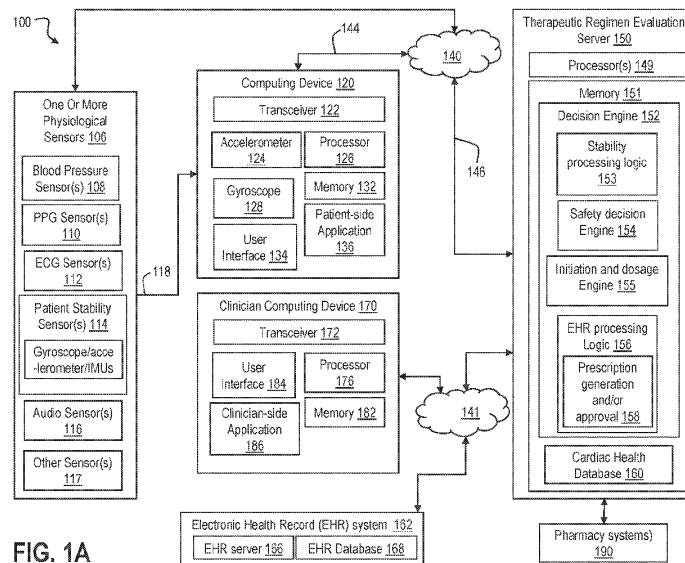




- (51) **International Patent Classification:**
A61B 5/00 (2006.01) *G16H 20/10* (2018.01)
A61B 5/02 (2006.01)
- (21) **International Application Number:**
PCT/US2023/063054
- (22) **International Filing Date:**
22 February 2023 (22.02.2023)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
63/314,207 25 February 2022 (25.02.2022) US
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- (81) **Designated States** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.
- (84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ,

(54) **Title:** COMPOSITIONS AND METHODS FOR THERAPEUTIC MANAGEMENT OF HEART FAILURE PATIENTS



(57) **Abstract:** Disclosed herein are systems and methods for management and administration of therapeutic treatment regimens for heart failure patients. In some examples, this includes monitoring a patient's heart rate and electrocardiogram using a wearable heart rate sensor to provide input into a decision tree model to provide an effective treatment regimen. Furthermore, regular blood pressure measurements may be input into the model. The system may additionally iterate through various heart failure therapeutics based on a patient's response to prior administered therapeutics.

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DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT,
LU, LV, MC, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE,
SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))