



US00D973879S

(12) **United States Design Patent**
Germain

(10) **Patent No.:** **US D973,879 S**

(45) **Date of Patent:** **** Dec. 27, 2022**

(54) **HEART RATE SENSOR**

(71) Applicant: **URGOTECH**, Paris (FR)

(72) Inventor: **Clémence Germain**, Montreuil (FR)

(**) Term: **15 Years**

(21) Appl. No.: **35/512,200**

(22) Filed: **Jun. 28, 2021**

(80) **Hague Agreement Data**

Int. Filing Date: **Jun. 28, 2021**

Int. Reg. No.: **DM/215101**

Int. Reg. Date: **Jun. 28, 2021**

Int. Reg. Pub. Date: **Jul. 16, 2021**

(51) **LOC (13) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/167**

(58) **Field of Classification Search**
USPC D24/107, 186-188, 167, 216; D10/70,
D10/75, 97, 98; D14/344
CPC A61B 5/6801; A61B 5/681; A61B 5/6819;
A61B 5/6823; A61B 5/6824; A61B
5/02405; A61B 5/02427; A61B 5/02438;
A61B 2560/0412; A61B 2560/0418;
A61B 2562/162; A61B 2562/164; A61B
2562/0295; A61B 2562/18

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D55,452 S * 6/1920 Chase D24/188
D330,081 S * 10/1992 Walsh D24/188
D683,249 S * 5/2013 McKinley D10/75
D707,827 S * 6/2014 Tseng D24/186
D753,108 S * 4/2016 Kuwabara D14/344

D756,999 S * 5/2016 von Badinski D14/344
D800,313 S * 10/2017 Chang D24/167
D891,624 S * 7/2020 Nikoozadeh D24/186
D901,316 S * 11/2020 Krywyj D10/70

OTHER PUBLICATIONS

Mobile Health News. The devices, software and other health tech headlines of CES 2020. Jan. 6, 2020. <https://www.mobihealthnews.com/news/devices-software-and-other-health-tech-headlines-ces-2020> (Year: 2020).*

Elite HRV. CorSense. No date specified. <https://elitehrv.com/corsense> (Year: 0).*

Urgo Tech. Our Brands. No date specified. <https://info.urgotech.com/fr/urgotech-0> (Year: 0).*

* cited by examiner

Primary Examiner — Darcey E Gottschalk

(57) **CLAIM**

The ornamental design for a heart rate sensor, as shown and described.

DESCRIPTION

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

- 1. Heart rate sensor
- 1.1 : Perspective
- 1.2 : Right
- 1.3 : Left
- 1.4 : Top
- 1.5 : Back
- 1.6 : Front

1 Claim, 6 Drawing Sheets
(6 of 6 Drawing Sheet(s) Filed in Color)













