

Title (en)

TREADMILL WITH LIGHTING AND SAFETY FEATURES

Title (de)

LAUFBAND MIT BELEUCHTUNG UND SICHERHEITSMERKMALEN

Title (fr)

TAPIS ROULANT AVEC CARACTÉRISTIQUES D'ÉCLAIRAGE ET DE SÉCURITÉ

Publication

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Application

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Priority

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- US 2020017447 W 20200210

Abstract (en)

[origin: WO2020176121A1] A locking system for a treadmill includes a locking mechanism having a locked configuration that prevents the tread from rotating in a front-to-rear direction and an unlocked configuration which allows the tread to rotate in the front-to-rear direction. A presence sensor and a weight sensor are each configured to detect the user on the treadmill, and a display is configured to receive an inputted code indicating the user is on the treadmill. The controller is configured to move the locking mechanism to the unlocked configuration in response to the controller receiving signals from at least two of the presence sensor, the weight sensor and the display indicating that the user is on the treadmill, and move the locking mechanism to the locked configuration in response to receiving signals from both of the presence sensor and the weight sensor indicating the user is not on the treadmill.

IPC 8 full level

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Citation (search report)

- [X] US 2018126248 A1 20180510 - DION BENOIT [US], et al
- [X] DE 4027317 C1 19911205
- [A] US 2017266534 A1 20170921 - WATTERSON SCOTT R [US]
- [A] US 2017266535 A1 20170921 - WATTERSON SCOTT R [US]
- See also references of WO 2020176235A1

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