

Title (en)
METHOD OF CHARACTERIZING PHYSICAL PERFORMANCE

Title (de)
VERFAHREN ZUR BESCHREIBUNG PHYSIKALISCHER LEISTUNG

Title (fr)
METHODE DE CARACTERISATION D'UNE PERFORMANCE PHYSIQUE

Publication
EP 1802234 A4 20090909 (EN)

Application
EP 05799052 A 20051024

Priority

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Abstract (en)
[origin: WO2006042415A1] A method of measuring physical workload for a task is provided. After receiving task execution data, an exerted energy value is calculated in response to the received task execution data. A physical performance index value is then generated based the exerted energy value. The exerted energy value can be calculated based on a calculated work value, which itself is based on the received task execution data. A physical performance device, such an exercise machine, can be characterized based on the performance index value. The method can include compiling a physical performance device profile including the physical performance index value, and optionally transmitting the profile to a storage means. The method can also include identifying a functional muscle group associated with the device. The measured physical workload can be a measured value of user performance, which can be compared to a target value to determine a user's physical performance.

IPC 8 full level
A61B 5/22 (2006.01); **G16H 20/30** (2018.01)

CPC (source: EP US)
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Citation (search report)

- [X] US 5435315 A 19950725 - MCPHEE RON J [US], et al
- [X] US 2004077462 A1 20040422 - BROWN MICHAEL WAYNE [US], et al
- [X] US 6478736 B1 20021112 - MAULT JAMES R [US]
- [X] WO 03045232 A2 20030605 - HEALTHETECH INC [US], et al
- [X] US 2002156351 A1 20021024 - SAGEL PAUL JOSEPH [US]
- [X] US 2002039952 A1 20020404 - CLEM WILLIAM [US]
- [X] US 6656091 B1 20031202 - ABELBECK KEVIN G [US], et al
- [A] US 2003211916 A1 20031113 - CAPUANO PATRICK J [US]
- [A] WO 0200111 A1 20020103 - BODYMEDIA INC [US]
- [A] US 2003130595 A1 20030710 - MAULT JAMES R [US]
- See references of WO 2006042415A1

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