

Title (en)

Electrical treadmill

Title (de)

Elektrisch angetriebenes Laufband

Title (fr)

Tapis roulant électrique

Publication

EP 1415685 A1 20040506 (EN)

Application

EP 02024020 A 20021028

Priority

EP 02024020 A 20021028

Abstract (en)

When a runner touches a fixed sensing position by light wave or acoustic wave, a CPU located within an electric console (12) gives a command according to the sensing position to accelerate or decelerate a motor (13) so that an immediate control of the rotational speed of the running belt (14) is achieved. Based upon a central reference point, a tread base (10) neighboring upon the running belt is provided with sensing lines for acceleration and sensing lines for deceleration both arranged one after the other.

IPC 1-7

A63B 22/02

IPC 8 full level

A63B 22/02 (2006.01)

CPC (source: EP)

A63B 22/0242 (2013.01); **A63B 2024/0093** (2013.01); **A63B 2071/0081** (2013.01); **A63B 2220/13** (2013.01)

Citation (applicant)

- US 6126575 A 20001003 - WANG LEAO [TW]
- US 6179754 B1 20010130 - WANG LEAO [TW], et al

Citation (search report)

- [X] DE 20008636 U1 20001214 - ZAGORNI OLIVER [DE]
- [X] DE 3933999 A1 19910418 - JAEGER ERICH GMBH & CO KG [DE]
- [XD] US 6179754 B1 20010130 - WANG LEAO [TW], et al
- [A] FR 1565616 A 19690502

Citation (examination)

- US 5314391 A 19940524 - POTASH ROBERT L [US], et al
- EP 0941746 A2 19990915 - COEN GUENTHER DR [DE], et al

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WO2017166701A1; WO2017166700A1; WO2017166715A1

Designated contracting state (EPC)

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