

Title (en)
DIGITAL INDICATING INSTRUMENT FOR A BODY TRAINING APPARATUS

Publication
EP 0283705 A3 19881221 (DE)

Application
EP 88102104 A 19880212

Priority
DE 3705796 A 19870224

Abstract (en)
[origin: US4832332A] A digital indicating instrument for a physical training device, in particular a rowing device, includes a sensor fixed rigidly to a basic frame of the training device and sensor trip element fixed to an operating part, in particular to a sliding seat of the rowing device. An evaluation circuit responds to control pulses generated by the sensor during the passing movement of the trip element and determines together with the training time output-related data, which are displayed on a display screen. A training time measuring device is started by control pulses of the sensor for an automatic determination of the training time. A stop device stops the training time measuring device if within a preset time interval no control pulse is generated by the sensor. A suppressor suppresses at the start of training at least the first control pulse, in order to prevent unintentional starting of the training time measuring device.

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IPC 8 full level
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CPC (source: EP US)
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Citation (search report)

- [A] DE 3045923 A1 19810903 - SANYO ELECTRIC CO [JP]
- [A] DE 8502372 U1 19860612
- [A] FR 2532854 A1 19840316 - HURET & FILS [FR]
- [A] US 4632570 A 19861230 - KELSEY TERRY D [US]

Cited by
EP0391756A1; FR2645269A1; US5018392A; WO9315795A1

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CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
DE 3705796 A1 19880901; DE 3862223 D1 19910508; EP 0283705 A2 19880928; EP 0283705 A3 19881221; EP 0283705 B1 19910403; US 4832332 A 19890523

DOCDB simple family (application)
DE 3705796 A 19870224; DE 3862223 T 19880212; EP 88102104 A 19880212; US 15751388 A 19880217