

Title (en)

Computerized exercising device.

Title (de)

Mit einem Rechner ausgestattete Übungsanordnung.

Title (fr)

Dispositif d'entraînement informatisé.

Publication

EP 0318126 A1 19890531 (EN)

Application

EP 88202993 A 19840516

Priority

- EP 88202993 A 19840516
- US 49580683 A 19830518

Abstract (en)

An exercising device (20) comprising a computer (65) associated with an actuating arm (52) pivotally mounted on a frame (22), movement of the actuating arm (52) being resisted by a double acting hydraulic cylinder (70). Position (115) and pressure sensors (105, 110) associated with the hydraulic cylinder (70) and the actuating arm (52) deliver signals through the microprocessor (65) to the computer (65) for indicating power and work exerted by a user for moving the actuating arm (52). The double acting cylinder (70) has a control valve (95) to permit independent adjustment of resistance to movement of the piston (82) in opposite directions.

IPC 1-7

A63B 21/00

IPC 8 full level

A63B 21/008 (2006.01)

CPC (source: EP)

A63B 21/00069 (2013.01); **A63B 21/00072** (2013.01); **A63B 21/0083** (2013.01)

Citation (search report)

- [X] EP 0057609 A1 19820811 - NAUTILUS SPORTS MED IND [US]
- [X] WO 8000124 A1 19800207 - POLHEMUS R, et al
- [A] GB 2016934 A 19791003 - HOPKINS W H J, et al

Cited by

NL8901462A; EP0383394A3

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

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