

Title (en)  
PROGRAMMABLE INERTIAL TRAINING MACHINE

Title (de)  
PROGRAMMIERBARE, TRÄGHEITSSYSTEM AUFWEISENDE TRAININGSEINRICHTUNG

Title (fr)  
APPAREIL D'EXERCICES PHYSIQUES PROGRAMMABLE AVEC INERTIE

Publication  
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Application  
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Priority  
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Abstract (en)  
[origin: WO9220408A1] Training machine comprising a frame on which is mounted an element freely rotating about a horizontal axis, and an inertial flywheel (15) coupled to said rotating element. A strap (16) is tightened about the flywheel. The rotating element is mechanically coupled to said flywheel (15) and a microprocessor (20) is mounted on the frame to provide a control signal for the adjustable traction device (19). Said control signal corresponds to an adjustable and predefined simulated difficulty to be encountered. The microprocessor is designed to store the torques theoretically needed for several predefined simulated runs and, in response to a signal corresponding to the actual torque, to generate a second signal corresponding to the variation in the torque required to attain the torque theoretically needed for the corresponding simulated run, the second signal controlling the adjustable traction device (19).

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