

Title (en)  
EXERCISE DEVICE

Title (de)  
ÜBUNGSGERÄT

Title (fr)  
MACHINE D'EXERCICE

Publication  
**EP 2771079 A1 20140903 (FR)**

Application  
**EP 12794381 A 20121026**

Priority  
• FR 1159739 A 20111027  
• FR 2012052466 W 20121026

Abstract (en)  
[origin: WO2013060999A1] The invention relates to an exercise device comprising a biasing element intended to be moved by the force of a user, an electric actuator (1) comprising a mobile part, the biasing element being connected to the mobile part and the biasing element being able to move the mobile part, a computer (12) able to generate a control signal for the electric actuator, an acceleration sensor coupled to the mobile part in order to measure the acceleration of the mobile part and to transmit the measured acceleration to the computer (12), the electric actuator being able to exert a force on the biasing element by way of the mobile element in response to the control signal, characterized in that the computer (12) is able to generate the control signal depending on the measured acceleration such that the force exerted by the electric actuator (1) includes a contribution of artificial inertia substantially proportional to the acceleration measured by the acceleration sensor.

IPC 8 full level  
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Citation (search report)  
See references of WO 2013060999A1

Cited by  
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