

Title (en)

Multifunctional training apparatus for the lower limb muscles

Title (de)

Multifunktionstrainingsgerät für die Muskulatur der unteren Extremitäten

Title (fr)

Appareil multifonctionnel pour exercices physiques destiné aux muscles des membres inférieurs

Publication

EP 2313164 B1 20120509 (EN)

Application

EP 09799131 A 20090724

Priority

- IB 2009006362 W 20090724
- IT PI20080068 A 20080724

Abstract (en)

[origin: US2011263389A1] A multifunctional training apparatus for training the lower limb muscles includes a training bench adapted to support a user in a desired training position, a movable rotatable support unit for resisting a muscular force of a lower limb which is caused by a reciprocating movement, a contrast member that is adapted to provide a resistance force against the movement of the movable support unit, and a support element that is adapted to pivotally support the movable support unit and the contrast member. The support element is mounted on the training bench by a rotatable coupling about an axis that is at an angle with respect to the training bench, such that the movable support unit can rotate from a first substantially vertical position to a second substantially horizontal position. In this way, training movements of the lower limbs are possible according to movement in a vertical plane and in a horizontal plane, using a single training device.

IPC 8 full level

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CPC (source: EP US)

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