Title (en)
Foldable handrail assembly of an exercise apparatus

Title (de)
Klappbare Handlaufanordnung einer Trainingsvorrichtung

Title (fr)
Ensemble de poignées pliantes d'un appareil d'exercice

Publication
EP 2489414 A1 20120822 (EN)

Application
EP 11154853 A 20110217

Priority
EP 11154853 A 20110217

Abstract (en)
A bendable handrail assembly 30 of an exercise apparatus wherein the handrail assembly 30 is divided into a fixed portion 31 and a bent portion 32. The fixed portion 31 is coupled with a tube 33 and positioned at an inclined angle relative to the handrail support 20 of the exercise apparatus. The bent portion 32 includes at one end thereof an inclined shaft 34 fitting into the tube 33, and the bent portion 32 is positioned by means of an elastic element 35 and a positioning element 36 in a pivotable state. At that time, the bent portion 32 can be brought in a nearly horizontal position relative to the ground 40. When the handrail assembly 30 is bent, the bent portion 32 can rotate on the inclined shaft along the inclined angle (Z-axis of space) in a vertical position relative to the ground 40.

IPC 8 full level
A63B 69/00 (2006.01); **A63B 22/00** (2006.01); **A63B 22/02** (2006.01); **A63B 22/06** (2006.01)

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A63B 69/0057 (2013.01 - EP US); A63B 22/0056 (2013.01 - EP); A63B 22/0235 (2013.01 - EP); A63B 22/0605 (2013.01 - EP); A63B 22/0664 (2013.01 - EP); A63B 2210/50 (2013.01 - EP)

Citation (search report)
- [X] US 2009176627 A1 20090709 - WANG LEAO [TW]
- [X] US 2009111666 A1 20090430 - WANG LEAO [TW]
- [X] EP 2277605 A1 20110126 - STRENGTH MASTER FITNESS TECH CO LTD [TW]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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