

Title (en)  
Supplemental resistance assembly for resisting motion of an exercise device

Title (de)  
Zusätzliche Widerstandsanordnung für die Widerstandsbewegung eines Übungsgerätes

Title (fr)  
Ensemble de résistance supplémentaire pour le mouvement de résistance d'un dispositif d'exercice

Publication  
**EP 1938869 A2 20080702 (EN)**

Application  
**EP 07252817 A 20070716**

Priority  
US 64688306 A 20061228

Abstract (en)  
An exercise apparatus for a user. The exercise apparatus includes a frame, a crank system coupled to the frame, a pivotal linkage pendulum system, a foot member and first and second directional resistance systems. The crank system includes one or more crank members. The pivotal linkage pendulum system comprises at least a first link member. The first link member is coupled to the crank system through at least a first pivot point. The first pivot point of the first link member is configured to move in a path during use. The foot member is coupled to the at least one first link member. The first and second directional resistance systems are each coupled to the crank system. The first direction is different from the second direction.

IPC 8 full level  
**A63B 22/06** (2006.01); **A63B 24/00** (2006.01); **A63B 21/005** (2006.01)

CPC (source: EP US)  
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**A63B 24/00** (2013.01 - EP US); **A63B 21/0053** (2013.01 - EP US); **A63B 21/008** (2013.01 - EP US); **A63B 21/225** (2013.01 - EP US);  
**A63B 22/0038** (2013.01 - EP US); **A63B 22/0041** (2013.01 - EP US); **A63B 22/0682** (2013.01 - EP US);  
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Cited by  
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DE ES FR GB IT

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
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**EP 07252817 A 20070716**; ES 07252817 T 20070716; JP 2007336429 A 20071227; US 64688306 A 20061228