

Title (en)  
Portable exercising apparatus.

Title (de)  
Tragbares Übungsgerät.

Title (fr)  
Appareil d'exercice portatif.

Publication  
**EP 0215172 A2 19870325 (EN)**

Application  
**EP 85309489 A 19851224**

Priority  
US 77388185 A 19850909

Abstract (en)  
An exercising apparatus including a platform (12) on which there are detachably mounted a pair of half-frames, each composed of two erect stanchions (16, 18 and 20, 22) detachably secured thereto, the stanchions (16, 18 and 20, 22) of each half-frame being detachably interconnected to one another at their upper ends and the stanchions (16, 18 and 20, 22) of each half-frame each slidably supporting a pair of vertically spaced bars (74, 106) between which a pair of tension coil springs (96) encircle the stanchions with their ends secured to the bars. The lower bar (106) can be adjusted as to its height by the user thereby enabling tension exerted by the springs (96) to be varied. The upper bar (74) acts as a support for tori (94) that slide along the stanchions (16, 18, 20, 22). The upper ends of the stanchions (16, 18, 20, 22) are detachably connected to one another by bars (36). A pulley system (80, 82) is provided interconnecting the bar (36) at the upper ends of the stanchions (16, 18, 20, 22) with the uppermost of the two bars (74) slidable along the stanchions and the rope (62) of the pulley system is supplied with handles (66) at its upper ends to be grasped by an exerciser who pulls against the dead weights of the tori (94) and/or the resistance of the springs (74).

IPC 1-7  
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IPC 8 full level  
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Cited by  
US7503881B2; GB2355671B; EP0295804A3; FR2613237A1; EP3097955A4; EP0847779A1; SG97755A1; US10532239B1

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