

Title (en)  
Exercise apparatus

Title (de)  
Übungsgerät

Title (fr)  
Appareil d'exercice

Publication  
**EP 1923102 A3 20080611 (EN)**

Application  
**EP 08002917 A 20010927**

Priority  
• EP 01977331 A 20010927  
• US 67893100 A 20001004

Abstract (en)  
[origin: WO0228487A1] Exercise equipment includes a housing (12) having a slot extending along a curved surface of the housing (12) and a curved track extending along the slot defining a curved path, multiple pairs of pulleys (11) positioned along the curved track, each pair of pulleys (11) having passed between them a cable (9) the proximal end of which is located outside the curved track, the distal ends of the cables (9) of which is attached to a source of resistance (13) and attached to a means (100, 102, 103) that enables a user to exert force against the resistance. A movable trolley system (63) in which a pair of pulleys (62) is in the trolley that is fixable at different positions along the curved track (64). Further exercise equipment includes a cable means (68) attached at its distal end to a resistance means (69) cooperating with pulley means (207) for switching between a 2:1 mechanical advantage and a 1:1 ratio. There may be a set of counter-weights (216). Exercise equipment having a bilateral lifting system comprises multiple cables (262, 263) directed by pulleys (264) to their ends where attachments are connected at both ends of each cable with a single weight stack (265) at the mid area of each cable. The cables may pass through a set of multiple pulleys (266) running parallel atop the weight.

IPC 8 full level  
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**WO 0228487 A1 20020411**; AU 9645801 A 20020415; CA 2422317 A1 20020411; CA 2422317 C 20090217; EP 1322385 A1 20030702; EP 1322385 A4 20061227; EP 1923102 A2 20080521; EP 1923102 A3 20080611

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