

Title (en)
Exercise apparatus

Title (de)
Übungsgerät

Title (fr)
Appareil d'exercice

Publication
EP 1923102 A2 20080521 (EN)

Application
EP 08002917 A 20010927

Priority
• EP 01977331 A 20010927
• US 67893100 A 20001004

Abstract (en)
Exercise equipment includes a housing having a structural surface defining an arcuate path, multiple pairs of pulleys positioned along the arcuate path, each pair of pulleys having passed between them a cable the proximal end of which is located outside the curved path, the distal end of the cable being coupled to a source of resistance within the housing such that when the proximal end of the cable is pulled by a user, the resistance exerts a counterforce to the cable. Alternatively, a single cable may be provided which exits through a movable trolley which is fixable at different positions along the arcuate path. Further exercise equipment includes a cable means attached at its distal end to a resistance means cooperating with pulley means for switching between a 2:1 mechanical advantage and a 1:1 ratio. At a proximal end of the cable, control means are used to exert effort against the resistance means.

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Citation (applicant)
• US 4603855 A 19860805 - SEBELLE LESLIE W [US]
• US 5102122 A 19920407 - PIANE JR ROBERT A [US], et al
• US 5102111 A 19920407 - REPONTY ANDRU [FR]

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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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