

Title (en)
SPACE EFFICIENT MULTI-USE EXERCISE APPARATUS

Title (de)
PLATZSPARENDE VIELZWECK-TRAININGSVORRICHTUNG

Title (fr)
EXERCISEUR MULTI-USAGE COMPACT

Publication
EP 1343562 A2 20030917 (EN)

Application
EP 01989225 A 20011220

Priority
• US 0148565 W 20011220
• US 25647300 P 20001220

Abstract (en)
[origin: US2002091043A1] An exercise apparatus provides increased exercise versatility and highly compact storage. A mounting of the weight stack units on a framework including wall mounted or free-standing rails allows the weight stack units to be moved between various usage positions and a highly compact storage position. The rails have a collapsible or removable segment, for reducing a footprint of the framework in a storage position. In the storage position, the framework forms a storage space that accommodates the weight stack units, a collapsible user support bench, the barbell, and other accessories. This equipment, which may further include, e.g., a foldable treadmill and screen monitor, a leg extension and curl attachment, and a preacher curl attachment, may be concealed behind panels provided as part of the apparatus. Each weight stack unit may have attached thereto a Smith guide and bearing. A compact arrangement is provided for reducing momentum of lifted weight plates. An exercise handle assembly has added degrees of freedom to facilitate user forearm and wrist rotation.

IPC 1-7
A63B 21/062

IPC 8 full level
A63B 21/062 (2006.01); **A63B 21/078** (2006.01); **A63B 23/04** (2006.01); **A63B 69/00** (2006.01)

CPC (source: EP US)
A63B 21/0626 (2015.10 - EP US); **A63B 21/0628** (2015.10 - EP US); **A63B 21/156** (2013.01 - EP US); **A63B 21/4029** (2015.10 - EP US); **A63B 23/03558** (2013.01 - EP); **A63B 24/0003** (2013.01 - EP US); **A63B 21/078** (2013.01 - EP US); **A63B 2210/50** (2013.01 - EP US); **A63B 2225/10** (2013.01 - EP US); **A63B 2225/12** (2013.01 - EP US)

Citation (search report)
See references of WO 02056973A2

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