

Title (en)  
Exercise apparatus.

Title (de)  
Übungsgerät.

Title (fr)  
Appareil d'exercice.

Publication  
**EP 0556586 A1 19930825**

Application  
**EP 93100951 A 19930122**

Priority  
US 82381192 A 19920122

Abstract (en)  
An exercise device (10) of the type having a helical spring (11) with V-shaped arms (12,13) is improved by contouring the arms (12,13) to match the surfaces of a person's body through which forces are applied to the device (10). In a preferred embodiment a thigh exerciser (10) has its arms (12,13) bent back toward the spring (11) to define a loop-like platform (18,19), the platform (18,19) being curved or bent to match the contour of the inner thighs of a typical user of the device. <IMAGE>

IPC 1-7  
**A63B 21/00**; **A63B 21/045**

IPC 8 full level  
**A63B 21/045** (2006.01); **A63B 21/02** (2006.01); **A63B 23/04** (2006.01)

CPC (source: EP)  
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Citation (search report)  
• [Y] MC 845 A  
• [A] DE 3719719 A1 19881229 - ARNSBERGER ERIKA [DE]  
• [A] US 5026050 A 19910625 - LEUNG PAUL [US], et al  
• [AD] IT 245458 A  
• [YD] US - DESIGN - 322 827 " OFFICIAL GAZETTE OF THE U.S. PATENT AND TRADEMARK OFFICE " VOL. 1133. PAGE:. 3100 DATE:. 31-DEC-1991

Cited by  
FR2766727A1; EP0691872A4; EA016449B1; JP2018161170A; DE10152769A1; DE10152769B4; RU2708897C1; CN112996460A; WO2010143991A1; WO2010143992A1

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DE ES FR IT

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