

Title (en)  
ELLIPTICAL EXERCISER

Title (de)  
ELLIPTISCHES ÜBUNGSGERÄT

Title (fr)  
EXERCISEUR ELLIPTIQUE

Publication  
**EP 3167942 A1 20170517 (EN)**

Application  
**EP 16186911 A 20160901**

Priority  
US 201514940212 A 20151113

Abstract (en)  
An elliptical exerciser includes a frame, first and second magnetic control wheel units, first and second swing levers, first and second transmission rods, first and second guiding mechanisms, first and second pedal rods, and a magnetic mechanism. When the first and second swing levers and the first and second transmission rods are swung forward and rearward synchronously and the first and second pedal rods are pedaled up and down to slide forward and rearward, the first and second pedal rods pivotally connected with bottom ends of the first and second swing levers are to do a tread motion of an elliptical trajectory.

IPC 8 full level  
**A63B 21/005** (2006.01); **A63B 22/00** (2006.01); **A63B 22/06** (2006.01)

CPC (source: EP)  
**A63B 21/0051** (2013.01); **A63B 22/001** (2013.01); **A63B 22/0664** (2013.01); **A63B 2022/0676** (2013.01)

Citation (search report)  
• [A] US 2014194256 A1 20140710 - HUANG HSUAN-FU [TW], et al  
• [A] US 2008287265 A1 20081120 - GIANNELLI RAYMOND [US], et al  
• [A] US 2008161164 A1 20080703 - STEWART JONATHAN M [US], et al  
• [A] US 2008261778 A1 20081023 - CHUANG JIN CHEN [TW], et al  
• [A] US 2014248999 A1 20140904 - LU ZHI [US], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3167942 A1 20170517; EP 3167942 B1 20190703**

DOCDB simple family (application)  
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