

Title (en)
HEEL-LIFTING ELLIPTICAL MACHINE

Title (de)
ELLIPTISCHE FERSENHUBMASCHINE

Title (fr)
MACHINE ELLIPTIQUE À MOUVEMENTS DU TALON

Publication
EP 3225286 A1 20171004 (EN)

Application
EP 16163424 A 20160331

Priority
EP 16163424 A 20160331

Abstract (en)
A heel-lifting elliptical machine has a foundation (10), two linkage assemblies (20) and two pedal assemblies (30). The foundation (10) comprises a swing shaft (14) and a driving wheel (15). The linkage assemblies (20) are mounted on two sides of the foundation (10), staggered from each other, and joined to the driving wheel (15). Each of the linkage assemblies (20) comprises a rotation rod (21), a crank (22) and a swing arm (23). The crank (22) is pivotably mounted on the other end of the rotation rod (21). The swing arm (23) is pivotably mounted on the swing shaft (14) and the crank (22). Two pedal assemblies (30) are mounted securely on the cranks (22) and form vertical ellipse routes along with the movement of the cranks (22), thereby increasing the exercise intensity and decreasing the obstruction and the noise.

IPC 8 full level
A63B 21/22 (2006.01); **A63B 22/06** (2006.01); **A63B 22/20** (2006.01)

CPC (source: EP)
A63B 21/225 (2013.01); **A63B 22/0664** (2013.01); **A63B 22/205** (2013.01)

Citation (search report)

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- [X] WO 2014145981 A1 20140918 - YIM RAMSEY [US], et al
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CN110353946A

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

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