

Title (en)

Saddle-adjusting mechanism of a fitness apparatus

Title (de)

Satteleinstellungsmechanismus eines Fitnessgeräts

Title (fr)

Mécanisme d'ajustement de selle d'un appareil de remise en forme

Publication

EP 2165740 A1 20100324 (EN)

Application

EP 08016598 A 20080920

Priority

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Abstract (en)

A saddle-adjusting mechanism of a fitness apparatus (10) having: a) a set of upper (20) and lower (30) parallel slide rails pivotally attached to a front (21) and a rear (22) connecting rod; and b) a saddle support (40) with guide rollers (41) and an engaging gear (42) such that the upper (20) and lower (30) parallel slide rails may be adjusted at a certain angle. Meanwhile, a saddle (43) can be moved forward and backward and maintained at a certain angle so that the operators have a comfortable sitting. Moreover, a back pad support (80) is installed in such a way that a fine adjustment of the backing angle of a back pad (81) is achieved by moving it upward and downward.

IPC 8 full level

A63B 22/08 (2006.01)

CPC (source: EP)

A63B 22/0605 (2013.01); **A63B 2022/0652** (2013.01); **A63B 2208/0228** (2013.01); **A63B 2225/09** (2013.01)

Citation (applicant)

- US 2006234834 A1 20061019 - KUO HAI P [TW]
- US 5916065 A 19990629 - MCBRIDE ROBERT W [US], et al

Citation (search report)

- [A] US 2006234834 A1 20061019 - KUO HAI P [TW]
- [A] US 6926645 B1 20050809 - STEARNS KENNETH W [US], et al
- [A] US 2004198561 A1 20041007 - CORBALIS KEVIN P [US], et al
- [A] US 5916065 A 19990629 - MCBRIDE ROBERT W [US], et al

Cited by

CN107638661A; WO2014180947A1

Designated contracting state (EPC)

DE ES FR GB IT

Designated extension state (EPC)

AL BA MK RS

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