

Title (en)
Walk training device

Title (de)
Lauftrainingsvorrichtung

Title (fr)
Dispositif d'entraînement de marche

Publication
EP 2633890 A1 20130904 (EN)

Application
EP 13156478 A 20130222

Priority
US 201261604994 P 20120229

Abstract (en)
A walk trainer device (210) is provided that includes a pair of sliders (256) each movable in a forward direction while the foot of a user is engaged with the slider (256). At the end of a forward stroke of the slider (256), the user's foot remains in engagement with the slider (256) but the slider (256) now is moved in a rearward direction. Each slider (256) is configured with a cam profile that has a specific geometric shape and is compatibly configured to cooperate with a cam follower (258) that is pivotally connected to a base platform (250). This permits the travel path of the sliders (256) to be different than merely the reverse path of the opposite forward or rearward stroke.

IPC 8 full level
A61H 1/02 (2006.01); **A63B 21/00** (2006.01); **A63B 22/06** (2006.01); **A63B 22/20** (2006.01); **A63B 69/00** (2006.01); **A63B 71/00** (2006.01)

CPC (source: EP)
A61H 1/005 (2013.01); **A61H 1/0262** (2013.01); **A61H 1/0274** (2013.01); **A63B 69/0064** (2013.01); **A63B 71/0009** (2013.01);
A61H 2201/1607 (2013.01); **A61H 2201/1621** (2013.01); **A61H 2201/163** (2013.01); **A61H 2201/1635** (2013.01); **A61H 2201/164** (2013.01);
A61H 2203/0406 (2013.01); **A63B 2208/12** (2013.01)

Citation (applicant)
• US 5352169 A 19941004 - ESCHENBACH PAUL W [US]
• US 4643419 A 19870217 - HYDE HENRY D [US]

Citation (search report)
• [A] US 2004248707 A1 20041209 - RODGERS ROBERT E [US]
• [A] WO 0006256 A1 20000210 - JAMES WILLIAM EDWARD [US]
• [A] US 2002151411 A1 20021017 - STEARNS KENNETH W [US], et al
• [A] US 5989163 A 19991123 - RODGERS JR ROBERT E [US]

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 2633890 A1 20130904; EP 2633890 B1 20150408

DOCDB simple family (application)
EP 13156478 A 20130222