

Title (en)

IMPROVEMENTS IN SPORTS PERFORMANCE ENHANCEMENT SYSTEMS

Title (de)

VERBESSERUNGEN IN SYSTEMEN ZUR VERBESSERUNG DER SPORTLICHEN LEISTUNGSFÄHIGKEIT

Title (fr)

AMÉLIORATIONS DE SYSTÈMES D'AMÉLIORATION DE PERFORMANCES SPORTIVES

Publication

EP 2844356 B1 20180711 (EN)

Application

EP 13785085 A 20130506

Priority

- US 201213464853 A 20120504
- US 201361778726 P 20130313
- US 2013039703 W 20130506

Abstract (en)

[origin: WO2013166493A1] Footwear for use in resistance band training includes plural spaced straps extending loosely over the instep. Each strap is circumscribed by a connection ring freely movable along the strap such that, when the ring is pulled by an applied force, the ring traverses the strap and is repositioned according to the direction of the force. The user may alternatively select any of the straps to engage a resistance band. A belt for connection to the straps includes a band connection ring movable to different positions on the belt. A pad may be positioned over a front belt ring to comfortably project the band away from the user's body. The footwear and belt may be used with a vest connected to limbs and extremities to body parts for a full body workout.

IPC 8 full level

A63B 21/055 (2006.01)

CPC (source: EP)

A63B 21/00061 (2013.01); **A63B 21/0421** (2013.01); **A63B 21/0552** (2013.01); **A63B 21/0557** (2013.01); **A63B 21/4005** (2015.10);
A63B 21/4007 (2015.10); **A63B 21/4009** (2015.10); **A63B 21/4015** (2015.10); **A63B 21/4019** (2015.10); **A63B 21/4021** (2015.10);
A63B 21/4025 (2015.10); **A63B 2102/02** (2015.10); **A63B 2243/0025** (2013.01); **A63B 2243/0037** (2013.01); **A63B 2243/0066** (2013.01)

Cited by

EP3900566A1; US10245459B1

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

DOCDB simple family (publication)

WO 2013166493 A1 20131107; AU 2013256003 A1 20141120; AU 2016203926 A1 20160630; AU 2016203926 B2 20180726;
CA 2872422 A1 20131107; CA 2872422 C 20170620; CA 2965316 A1 20131107; CA 2965316 C 20200825; EP 2844356 A1 20150311;
EP 2844356 A4 20160518; EP 2844356 B1 20180711

DOCDB simple family (application)

US 2013039703 W 20130506; AU 2013256003 A 20130506; AU 2016203926 A 20160610; CA 2872422 A 20130506; CA 2965316 A 20130506;
EP 13785085 A 20130506