

Title (en)
SPORTS TRAINING DEVICE

Title (de)
SPORTTRAINIERVORRICHTUNG

Title (fr)
DISPOSITIF POUR LA PRATIQUE D'EXERCICES D'ENTRAINEMENT

Publication
EP 0587622 B1 19970326 (EN)

Application
EP 92910878 A 19920522

Priority
• AU PK627691 A 19910522
• AU 9200237 W 19920522

Abstract (en)
[origin: WO9221106A1] A sports training device provides synchronisation signals to induce and guide movements of a sportsperson engaged in a sporting activity. The device comprises a digital logic computer and a tone generator, the computer logic being programmed to activate the tone generator in accordance with stimulus parameters. Means are provided to input into the computer predetermined stimulus parameters based upon a behavioural analysis of models of relevant movement sequences of the sporting activity to cause the tone generator to generate a sequence of auditory pulses having predetermined characteristics. These characteristics such as intensity, duration, quality and the like relate to movements of different parts of the body and/or provide other information concerning the particular movement. The device also includes audio output means through which the generated sounds are relayed to the sportsperson as a preview and guide to the sporting activity.

IPC 1-7
G07C 1/22; **A63B 26/00**; **A63B 69/00**

IPC 8 full level
A63B 24/00 (2006.01); **A63B 26/00** (2006.01); **A63B 69/00** (2006.01); **A63B 71/06** (2006.01); **G07C 1/22** (2006.01); **G10L 13/00** (2006.01); **A63B 69/36** (2006.01)

CPC (source: EP US)
A63B 24/0006 (2013.01 - EP); **A63B 69/3623** (2013.01 - EP US); **A63B 71/0686** (2013.01 - EP); **A63B 2024/0012** (2013.01 - EP); **A63B 2024/0015** (2013.01 - EP); **A63B 2071/0625** (2013.01 - EP)

Cited by
CN104661713A; US10446051B2; WO0062874A1; US10478698B2; US10610143B2

Designated contracting state (EPC)
DE FR GB IT NL SE

DOCDB simple family (publication)
WO 9221106 A1 19921126; AU 1769992 A 19921230; AU 650755 B2 19940630; CA 2109413 A1 19921123; CA 2109413 C 20020702; DE 69218597 D1 19970430; DE 69218597 T2 19971113; EP 0587622 A1 19940323; EP 0587622 A4 19940324; EP 0587622 B1 19970326; JP 3308529 B2 20020729; JP H06507556 A 19940901; KR 100218640 B1 19990901

DOCDB simple family (application)
AU 9200237 W 19920522; AU 1769992 A 19920522; CA 2109413 A 19920522; DE 69218597 T 19920522; EP 92910878 A 19920522; JP 50972992 A 19920522; KR 930703505 A 19931118