

Title (en)

Interactive device for exercise with music and speech

Title (de)

Interaktive Vorrichtung zum Trainieren mit Musik und Sprache

Title (fr)

Dispositif interactif pour exercice, parlant et musical

Publication

EP 1331025 A1 20030730 (EN)

Application

EP 02023910 A 20021024

Priority

- CN 02101206 A 20020123
- TW 91101206 A 20020123

Abstract (en)

An interactive device for interactively operating music and speech with moving frequencies of exercisers comprises a sensor for sensing the moving frequency of the exerciser, and converting the frequency as signals for outputting; and the sensor is installed to a moving range of the exerciser which has a sector area; and a speech rhythm system for receiving the frequency signal from the sensor; the speech rhythm system; and for displaying music and speech according to the received signals in the speech rhythm system. The device is used with an exercise machine. The speech rhythm system includes a data microprocessor, an audio frequency output device, a built in music IC device, a speech device, a display and a plurality of adjust switches. The data microprocessor sets the moving frequency of the exerciser is based on the rhythm of the music IC. <IMAGE>

IPC 1-7

A63B 24/00; **A63B 22/00**

IPC 8 full level

A63B 22/00 (2006.01); **A63B 24/00** (2006.01)

CPC (source: EP US)

A63B 22/00 (2013.01 - EP US); **A63B 24/00** (2013.01 - EP US); **A63B 22/0285** (2013.01 - EP US); **A63B 71/0686** (2013.01 - EP US); **A63B 2071/0625** (2013.01 - EP US)

Citation (search report)

- [X] US 6152856 A 20001128 - STUDOR GEORGE F [US], et al
- [X] WO 0103777 A1 20010118 - ICON HEALTH & FITNESS INC [US]
- [X] US 5137501 A 19920811 - MERTESDORF FRANK L [DE]
- [X] US 5830107 A 19981103 - BRIGLIADORO GEORGE R [US]

Cited by

GB2462680A

Designated contracting state (EPC)

DE ES FI FR GB IT

DOCDB simple family (publication)

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