

Title (en)

Motion-controlled musical tone control apparatus.

Title (de)

Vorrichtung, um durch Bewegung Musiktöne zu steuern.

Title (fr)

Dispositif pour commande de sons musicaux en fonction du mouvement.

Publication

EP 0322863 B1 19941117

Application

EP 88121727 A 19881227

Priority

- JP 1324388 U 19880203
- JP 32806387 A 19871224

Abstract (en)

[origin: EP0322863A2] An apparatus for the generation of musical sounds based on monitoring motions of the body, especially the natural motion of swinging the arms and legs. The monitoring of body motion depends on the use of an acceleration sensor in a hand-held element, or on the use of an acceleration sensor contained in a detachable housing which is held by a "Velcro" (Trademark) type means to a part of the body. The signal from the acceleration sensor is transmitted via a cable or a wireless means to a musical tone signal generating circuit which is contained, along with batteries, in a belt-shaped casing which may be worn by the user. The musical tone generating circuit receives signals from the acceleration sensor, and, using the musical tone colour information stored in its memory, produces the appropriate output signal. Therefore, musical tones can be generated simply by moving a monitored part of the body, without the actions usually required to play an electronic musical instrument.

IPC 1-7

G10H 1/00

IPC 8 full level

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CPC (source: EP)

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