

Title (en)

Wireless music accompaniment apparatus having control function of audio signal output level

Title (de)

Drahtlose Musikbegleitungsvorrichtung mit Steuerfunktion des Ausgabelevels von Audiosignalen

Title (fr)

Appareil d'accompagnement musical sans fil ayant une fonction de commande du niveau du signal de sortie audio

Publication

EP 2051240 A1 20090422 (EN)

Application

EP 07020502 A 20071019

Priority

EP 07020502 A 20071019

Abstract (en)

There is provided a music accompaniment apparatus that includes: at least two wireless microphones for converting externally input audio signals to electrical signals and sending the electrical signals using a built-in RF transmitter module through a wireless connection; and a main controller having one RF receiver module capable of simultaneous signal reception from the at least two wireless microphones through at least two receiver channels, receiving audio signals from the at least two wireless microphones, mixing the audio signals with embedded accompaniment signals and caption signals, and sending output signals with an output level varied according to the type of external equipment used as an output target. The music accompaniment apparatus reduces the production cost, enhances transmission/reception efficiency, and reproduces audio signals of the best audio quality without distortion.

IPC 8 full level

G10H 1/46 (2006.01); **H04B 1/20** (2006.01); **G10H 1/36** (2006.01)

CPC (source: EP)

G10H 1/368 (2013.01); **G10H 1/46** (2013.01)

Citation (applicant)

- US 2006246408 A1 20061102 - GAO JIANPING [CN]
- US 2001049566 A1 20011206 - KIM JONG-KWANG [KR]
- US 2004127285 A1 20040701 - KAVANA JORDAN STEVEN [US]
- US 6473604 B1 20021029 - HINKLE JOSEPH A [US], et al
- EP 1244226 A2 20020925 - SSD CO LTD [JP]
- WO 2004109701 A1 20041216 - ENTER TECH CO LTD [KR], et al

Citation (search report)

- [XA] US 2006246408 A1 20061102 - GAO JIANPING [CN]
- [Y] US 2001049566 A1 20011206 - KIM JONG-KWANG [KR]
- [XY] US 2004127285 A1 20040701 - KAVANA JORDAN STEVEN [US]
- [Y] US 6473604 B1 20021029 - HINKLE JOSEPH A [US], et al
- [A] EP 1244226 A2 20020925 - SSD CO LTD [JP]
- [A] WO 2004109701 A1 20041216 - ENTER TECH CO LTD [KR], et al

Cited by

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 2051240 A1 20090422

DOCDB simple family (application)

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