

Title (en)  
SPEAKER DEVICE, AUDIO REPRODUCTION SYSTEM, AND PROGRAM

Title (de)  
LAUTSPRECHERVORRICHTUNG, TONWIEDERGABESYSTEM UND PROGRAMM

Title (fr)  
DISPOSITIF DE HAUT-PARLEUR, SYSTÈME DE REPRODUCTION AUDIO ET PROGRAMME

Publication  
**EP 3041273 B1 20200401 (EN)**

Application  
**EP 14841129 A 20140821**

Priority  
• JP 2013176231 A 20130828  
• JP 2014071895 W 20140821

Abstract (en)  
[origin: EP3041273A1] The present invention addresses the problem of providing an audio reproduction system capable of adjusting the timings of arrival of a sound emitted from a back surface and a sound emitted from a front surface at a user. An audio reproduction system comprises a speaker device (1) and a remote control device. The speaker device (1) is provided with a first speaker unit (210) provided in the back surface of a housing (11), a second speaker unit (211 C) provided in the upper surface or the front surface of the housing (11), and a delay unit (231 C) which delays a sound emitted from the second speaker unit (211C). The remote control device accepts inputs of an installation mode of the speaker device (1) and a back surface distance to a wall (80), calculates the delay time of the delay unit (211 C) on the basis of the inputted installation mode and back surface distance , and transmits the delay time to the speaker device (1). The speaker device (1) sets the delay time received from the remote control device in the delay unit (211C).

IPC 8 full level  
**H04S 7/00** (2006.01); **H04Q 9/00** (2006.01); **H04R 1/34** (2006.01); **H04R 1/40** (2006.01); **H04R 3/00** (2006.01); **H04R 3/12** (2006.01); **H04R 5/02** (2006.01); **H04R 1/24** (2006.01); **H04R 3/04** (2006.01); **H04S 1/00** (2006.01)

CPC (source: EP)  
**G08C 17/02** (2013.01); **H04R 1/403** (2013.01); **H04R 3/12** (2013.01); **H04R 5/02** (2013.01); **H04S 1/002** (2013.01); **H04R 1/24** (2013.01); **H04R 3/04** (2013.01); **H04R 2205/024** (2013.01)

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)  
**EP 3041273 A1 20160706; EP 3041273 A4 20170503; EP 3041273 B1 20200401**; CN 105532021 A 20160427; JP 2015046728 A 20150312; JP 6090066 B2 20170308; WO 2015029874 A1 20150305

DOCDB simple family (application)  
**EP 14841129 A 20140821**; CN 201480047468 A 20140821; JP 2013176231 A 20130828; JP 2014071895 W 20140821