

Title (en)
Portable audio system

Title (de)
Tragbare Schallwiedergabevorrichtung

Title (fr)
Système audio portable

Publication
EP 1341398 B1 20041215 (DE)

Application
EP 02003926 A 20020221

Priority
EP 02003926 A 20020221

Abstract (en)
[origin: EP1341398A1] The device has an audio player, a sound transducer(s) connected to the player via a signal connection and sound transducer orientation data sensors. The player compares current orientation data with reference data to detect a sound transducer orientation change in space. A controller controls a sound output signal filter so a virtual sound source formed by the transducer remains essentially fixed in space if the transducer orientation changes. The device has an audio player, at least one sound transducer connected to the audio player via a signal connection and sensors for detecting orientation data regarding the orientation of the sound transducer in space. The audio player compares current orientation data with reference data to detect a change in orientation of the sound transducer in space and a controller controls a sound output signal filter so a virtual sound source formed by the transducer remains essentially fixed in space when the transducer orientation changes.

IPC 1-7
H04S 1/00; **H04R 5/033**

IPC 8 full level
H04R 5/033 (2006.01); **H04S 1/00** (2006.01)

CPC (source: EP)
H04S 1/005 (2013.01)

Cited by
EP1675432A1; US12003950B2; WO2006069825A1; WO2007004147A3

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1341398 A1 20030903; **EP 1341398 B1 20041215**; AT E285163 T1 20050115; DE 50201769 D1 20050120; ES 2234938 T3 20050701

DOCDB simple family (application)
EP 02003926 A 20020221; AT 02003926 T 20020221; DE 50201769 T 20020221; ES 02003926 T 20020221