

Title (en)  
Audio system having a sound field processor

Title (de)  
Audiosystem mit einem Schallfeldprozessor

Title (fr)  
Système audio avec processeur de champ sonore

Publication  
**EP 1061774 A3 20060705 (EN)**

Application  
**EP 00111950 A 20000615**

Priority  
JP 16902299 A 19990615

Abstract (en)  
[origin: EP1061774A2] An audio system comprises: a sound field processor that performs three-dimensional sound field process for a headphone to an input signal and outputs a processed signal; a loudspeaker output device that receives an input signal and outputs amplified signal to a loudspeaker; a headphone output device that receives either an input signal or the processed signal, outputs either said input signal or said processed signal as amplified signal to a headphone and is capable of being connected to said sound field processor; a headphone connector connected to said headphone output device; a headphone detector that is operably coupled to said headphone connector and detects whether a headphone is connected to said headphone connector or not; and a switch controller that is operably coupled to said headphone detector and said sound field processor, and makes said sound field processor perform said three-dimensional sound field process for a headphone and supply the processed signal to said headphone output device when said headphone detector detects a headphone.

IPC 8 full level  
**H04R 1/10** (2006.01); **H04S 1/00** (2006.01); **H04R 1/06** (2006.01); **H04R 3/00** (2006.01); **H04R 5/033** (2006.01); **H04R 5/04** (2006.01); **H04S 5/02** (2006.01)

CPC (source: EP)  
**H04S 1/002** (2013.01); **H04S 1/005** (2013.01); **H04R 2420/05** (2013.01)

Citation (search report)

- [XA] EP 0808075 A2 19971119 - CENTRAL RESEARCH LAB LTD [GB]
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 595 (E - 1630) 14 November 1994 (1994-11-14)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 06 30 April 1998 (1998-04-30)

Cited by  
EP1416769A1; RU2667630C2; US7590249B2; WO2007078347A1; US8165320B2; US8300866B2; US8300867B2; US8320594B2

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

DOCDB simple family (publication)  
**EP 1061774 A2 20001220**; **EP 1061774 A3 20060705**; **EP 1061774 B1 20090930**; DE 60043038 D1 20091112; JP 2000358294 A 20001226

DOCDB simple family (application)  
**EP 00111950 A 20000615**; DE 60043038 T 20000615; JP 16902299 A 19990615