

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 1/06 (2006.01); **H04R 1/10** (2006.01); **H04R 3/00** (2006.01); **H04R 5/033** (2006.01); **H04R 5/04** (2006.01); **H04S 1/00** (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
RU2667630C2; EP1416769A1; 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