

Title (en)

Apparatus for generating surround sound from stereo signals of an audio source

Title (de)

Gerät zur Erzeugung von Raumklang aus Stereosignalen von Tonquellen

Title (fr)

Appareil pour la production de son à effet spatial à partir de signaux stéréophoniques d'une source audio

Publication

**EP 0746177 A3 19980325 (DE)**

Application

**EP 96107747 A 19960515**

Priority

DE 29509157 U 19950602

Abstract (en)

[origin: EP0746177A2] The device contains a computer in the form of a microprocessor used as the controller of a decoder in the form of a phase shift matrix space integrated circuit, input sockets for connection of the audio sources and output sockets for connection of loudspeakers via amplifiers. The control microprocessor (IC2) has an associated address stage with a temporary address memory (IC4), a memory (IC3), a reset stage, remote operations input and, in some cases, an additional memory (IC5). The computer is connected via a data bus to the decoder, whereby the data bus is operated in multiplex mode. A SCART input socket can be provided for TV and video unit audio sources.

IPC 1-7

**H04S 3/02**

IPC 8 full level

**H04S 3/02** (2006.01); **H04S 5/00** (2006.01)

CPC (source: EP)

**H04S 5/005** (2013.01)

Citation (search report)

- [YA] DE 4219994 C1 19930729
- [Y] US 3944735 A 19760316 - WILLCOCKS MARTIN EDMUND GEORGE
- [YA] EP 0500049 A1 19920826 - CANON KK [JP]
- [A] GB 2204754 A 19881116 - RCA LICENSING CORP
- [A] EP 0607810 A1 19940727 - EDICO SRL [IT]

Cited by

WO2009040854A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

**DE 29608812 U1 19960725**; DE 29509157 U1 19950921; EP 0746177 A2 19961204; EP 0746177 A3 19980325

DOCDB simple family (application)

**DE 29608812 U 19960515**; DE 29509157 U 19950602; EP 96107747 A 19960515