

Title (en)
MONOLITHIC PC AUDIO CIRCUIT

Title (de)
MONOLITHISCHER PC-AUDIOSCHALTKREIS

Title (fr)
CIRCUIT AUDIO MONOLITHIQUE POUR PC

Publication
EP 0789868 A2 19970820 (EN)

Application
EP 95942395 A 19951102

Priority

- US 9514254 W 19951102
- US 33338694 A 19941102
- US 33345194 A 19941102
- US 33346094 A 19941102
- US 33346794 A 19941102
- US 33353694 A 19941102
- US 33356494 A 19941102
- US 33446194 A 19941102
- US 33446294 A 19941102
- US 51013995 A 19950803

Abstract (en)
[origin: WO9615484A2] A monolithic integrated circuit for providing enhanced audio performance in personal computers is disclosed. The monolithic circuit includes a wavetable synthesizer; a full function stereo coding and decoding circuit (CODEC) including analog-to-digital and digital-to-analog data conversion; data compression, and mixing and muxing of analog signals; a local memory control module for interfacing with external memory; a game-MIDI port module; a system bus interface; and a control module for compatibility and circuit control functions.

IPC 1-7
G06F 3/16; **H03M 1/66**; **G10H 7/04**; **G10H 1/00**; **H03M 7/00**; **H03M 3/02**; **H04H 7/00**

IPC 8 full level
G06F 3/16 (2006.01); **G10H 1/00** (2006.01); **G10H 1/12** (2006.01); **G10H 7/00** (2006.01); **G10H 7/02** (2006.01); **H03K 23/68** (2006.01); **H03M 1/66** (2006.01); **H03M 3/02** (2006.01); **H03M 7/32** (2006.01); **F02B 75/02** (2006.01)

CPC (source: EP)
G06F 3/162 (2013.01); **G10H 1/0066** (2013.01); **G10H 1/125** (2013.01); **G10H 7/002** (2013.01); **H03K 23/68** (2013.01); **F02B 2075/027** (2013.01); **G10H 2220/315** (2013.01); **G10H 2230/035** (2013.01); **G10H 2240/311** (2013.01); **G10H 2250/115** (2013.01); **G10H 2250/191** (2013.01); **G10H 2250/545** (2013.01); **G10H 2250/571** (2013.01); **G10H 2250/605** (2013.01); **G10H 2250/611** (2013.01)

Citation (search report)
See references of WO 9615484A2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 9615484 A2 19960523; **WO 9615484 A3 19970206**; EP 0789868 A2 19970820; JP H10509544 A 19980914

DOCDB simple family (application)
US 9514254 W 19951102; EP 95942395 A 19951102; JP 51613196 A 19951102