

Title (en)

COMPUTER APPLIANCE COMPRISING A MULTIWAY ACOUSTIC OUTPUT AND INPUT SYSTEM

Title (de)

RECHNERGERÄT MIT MEHRWEGE-AKUSTIKAUS- UND-EINGABESYSTEM

Title (fr)

APPAREIL INFORMATISE COMPRENANT UN SYSTEME DE SORTIE ET D'ENTREE ACOUSTIQUE A PLUSIEURS VOIES

Publication

EP 1264233 A2 20021211 (DE)

Application

EP 01931367 A 20010316

Priority

- DE 0101006 W 20010316
- DE 10012868 A 20000316

Abstract (en)

[origin: DE10012868C1] The computer includes a digital processor for acoustic data, a device for preparing the data for output, and a device for converting the data into analogue form for output via one or more of the multiple output paths, and for converting into digital acoustic data input analogue acoustic data from a first acoustic transducer transmitted via at least one of the multiple input paths. At least one second acoustic transducer is provided for detecting analogue signals. At least one of the output paths is connected to at least one of the input paths. The digital processor includes the functions of acoustic echo elimination circuit (F) connected at its input to the input path that is connected to an output path, and at its output to an input path that is connected to a second acoustic transducer (e.g. M).

IPC 1-7

G06F 3/16

IPC 8 full level

G06F 3/16 (2006.01); **G10L 21/02** (2006.01); **H04M 1/00** (2006.01); **H04M 1/58** (2006.01); **H04M 9/08** (2006.01); **G10L 21/0208** (2013.01); **G10L 21/0216** (2013.01)

CPC (source: EP US)

G06F 3/16 (2013.01 - EP US); **H04M 9/082** (2013.01 - EP US); **G10L 2021/02082** (2013.01 - EP US); **G10L 2021/02165** (2013.01 - EP US); **H04M 1/58** (2013.01 - EP US)

Citation (search report)

See references of WO 0169371A2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

DE 10012868 C1 20010726; CN 1201226 C 20050511; CN 1418340 A 20030514; EP 1264233 A2 20021211; JP 2003527806 A 20030916; US 2003104846 A1 20030605; US 7120246 B2 20061010; WO 0169371 A2 20010920; WO 0169371 A3 20020321

DOCDB simple family (application)

DE 10012868 A 20000316; CN 01806624 A 20010316; DE 0101006 W 20010316; EP 01931367 A 20010316; JP 2001568182 A 20010316; US 22189802 A 20020916