

Title (en)

METHOD FOR MASKING INTERFERENCE DURING THE TRANSFER OF DIGITAL AUDIO SIGNALS

Title (de)

VERFAHREN ZUR STÖRVERDECKUNG BEI DIGITALER AUDIOSIGNALÜBERTRAGUNG

Title (fr)

PROCEDE POUR LE MASQUAGE DE PERTURBATIONS DANS UNE TRANSMISSION NUMERIQUE DE SIGNAUX AUDIO

Publication

**EP 1405302 B1 20041215 (DE)**

Application

**EP 02740252 A 20020412**

Priority

- DE 0201368 W 20020412
- DE 10130233 A 20010622

Abstract (en)

[origin: DE10130233A1] Disclosed is a method for masking interference in a reproduced audio signal which is derived from a digital signal, wherein the reproduced audio signal is attenuated according to the data error statistics of the digital signal, characterized in that a replacement signal is superimposed on the attenuated audio signal according to the data error statistics of the digital signal. The inventive method ensures in an advantageous manner that a signal can be acoustically reproduced, even in the case of digital input signals that are subjected to large amounts of interference, whereby the adjusted volume in a correspondingly equipped radio receiver can be realistically estimated for a user at any moment, thereby preventing the user from misjudging the real adjusted reproduction volume which, according to prior art, can otherwise occur when the reception signal is subjected to a large amount of interference as a result of an interruption in the audio reproduction.

IPC 1-7

**G10L 19/00**

IPC 8 full level

**G10L 19/00** (2006.01); **G10L 19/005** (2013.01)

CPC (source: EP US)

**G10L 19/005** (2013.01 - EP US)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**DE 10130233 A1 20030102**; DE 50201804 D1 20050120; EP 1405302 A1 20040407; EP 1405302 B1 20041215; ES 2233828 T3 20050616; JP 2004533021 A 20041028; JP 4221288 B2 20090212; US 2004221209 A1 20041104; WO 03001509 A1 20030103

DOCDB simple family (application)

**DE 10130233 A 20010622**; DE 0201368 W 20020412; DE 50201804 T 20020412; EP 02740252 A 20020412; ES 02740252 T 20020412; JP 2003507810 A 20020412; US 48177604 A 20040616