



Quick Search ...



US-6017302-A - Subliminal Acoustic Manipulation of Nervous Systems



Find Prior Art

Details

Grant Number: 6017302

Publication Number: US-6017302-A

Application Number: US-96190797-A

CPC Class: A,G

Inventors:

Loos Hendricus G

Examiner:

Gilbert, Samuel

Priority Date: 1997-10-31

Application Date: 1997-10-31

Grant Date: 2000-01-25

Expiration Date: 2017-10-31

Lifetime Renewal Fees: \$0

Lifetime Family Renewal Fees: \$0

Parent Company:

Individual

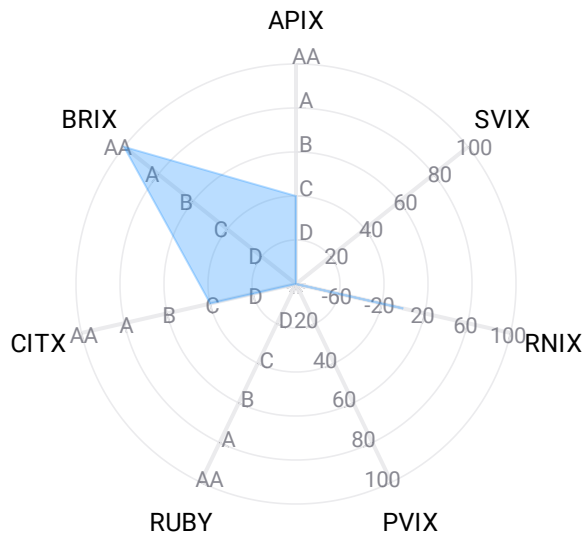
Original Assignee:

Individual

Current Assignee:

Individual

Patent Ratings



APIX: C

CITX: C

BRIX: AA

RUBY:

PVIX: 0

RNIX: 0

SVIX: 0

Family Members (0)



No data

Full Language

✓ Abstract

In human subjects, sensory resonances can be excited by subliminal atmospheric acoustic pulses that are tuned to the resonance frequency. The 1/2 Hz sensory resonance affects the autonomic nervous system and may cause relaxation, drowsiness, or sexual excitement, depending on the precise acoustic frequency near 1/2 Hz used. The effects of the 2.5 Hz resonance include slowing of

certain cortical processes, sleepiness, and disorientation. For these effects to occur, the acoustic intensity must lie in a certain deeply subliminal range. Suitable apparatus consists of a portable battery-powered source of weak subaudio acoustic radiation. The method and apparatus can be used by the general public as an aid to relaxation, sleep, or sexual arousal, and clinically for the control and perhaps treatment of insomnia, tremors, epileptic seizures, and anxiety disorders. There is further application as a nonlethal weapon that can be used in law enforcement standoff situations, for causing drowsiness and disorientation in targeted subjects. It is then preferable to use venting acoustic monopoles in the form of a device that inhales and exhales air with subaudio frequency.

> Claims

> Description

> Figures

Citations

✓ Patent Art (7)

Individual

Title: Method and System for Altering Consciousness

US-5733240-A

Priority Date: 1993-06-01

Assignees:

Individual

Title: Device for Administering Sound Waves And/or a Magnetic Field to a Patient

US-4124022-A

Priority Date: 1977-01-14

Assignees:

> Non-Patent Literature (0)

✓ Referenced By (35)

US-20100042024-A1

Priority Date: 2007-01-10

Assignees:

Tipa Tinnitus Corp Pty Ltd

Title: Tinnitus Treatment

US-8579796-B2

Priority Date: 2007-01-10

Assignees:

Tipa Tinnitus Corp Pty Ltd

Title: Tinnitus Treatment

Related Cases

> PTAB (0)

[See in PTAB Case List](#)

> Litigation (0)

[See in Litigation Case List](#)

Opposition Documents

Date

Document name



No data

Patent data is provided by IFI Claims, and is updated weekly.

© 2013-2024 [Unified Patents, LLC](#) All Rights Reserved.

[Terms of Service](#) [Privacy Policy](#) [DMCA](#) [Daily Update Email Archive](#) [Report Error](#)