



## System And Method For Delivering Sensory Stimulation During Sleep Based On Demographic Information

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Inventors: Giulio Tononi, Brady Riedner, Gary Garcia Molina, Tsevetomira Tsoneva

### The Invention

The present disclosure pertains to delivering sensory stimulation to a user during a sleep session. In some embodiments, sensors are configured to generate output signals conveying information related to brain activity of the user during the sleep session. Sensory stimulators are configured to provide the sensory stimulation to the user during the sleep session. One or more processors are configured to determine a demographic group for the user; select a stimulation parameter model associated with the demographic group of the user from a set of stimulation parameter models associated with different demographic groups; and control the one or more sensory stimulators to deliver the sensory stimulation to the user based on the stimulation parameter model for the demographic group of the user and the output signals.

### Additional Information

#### For More Information About the Inventors

- [Giulio Tononi](#)

#### Tech Fields

- [Medical Devices : Neurological devices](#)

For current licensing status, please contact Jeanine Burmania at [jeanine@warf.org](mailto:jeanine@warf.org) or 608-960-9846