

## Title (en)

SONIFICATION OF BIOMETRIC DATA, STATE-SONGS GENERATION, BIOLOGICAL SIMULATION MODELLING, AND ARTIFICIAL INTELLIGENCE

## Title (de)

SONIFIKATION VON BIOMETRISCHEN DATEN, STATE-SONGS-ERZEUGUNG, MODELLIERUNG BIOLOGISCHER SIMULATIONEN UND KÜNSTLICHE INTELLIGENZ

## Title (fr)

SONIFICATION DE DONNÉES BIOMÉTRIQUES, PRODUCTION DE CHANSONS D'ÉTAT, MODÉLISATION DE SIMULATION BIOLOGIQUE, ET INTELLIGENCE ARTIFICIELLE

## Publication

**EP 3648666 A4 20210217 (EN)**

## Application

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## Abstract (en)

[origin: WO2019010004A1] Embodiments are generally directed to methods, systems and devices for generating and playing back a personalized state song representing a target state of a user. In one scenario, a computer system accesses biometric data corresponding to various bodily systems of a user. The computer system encodes the biometric data into data structures that are configured for modeling using an algorithm that is specific to the user. The computer system models the encoded biometric data to identify specified patterns in the encoded biometric data, and these identified patterns are used to generate a personalized algorithm that corresponds with the identified patterns unique to the user. The computer system then synthesizes a state song using the personalized algorithm, which represents a specific biometric state for one of the bodily systems, and plays back the state song to the user to induce the user to the specific biometric state.

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## Citation (search report)

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- [XII] US 2015093729 A1 20150402 - PLANS DAVID [GB], et al
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- See also references of WO 2019010004A1

## Designated contracting state (EPC)

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