

Title (en)
INTEGRATED SENSOR HEADSET

Title (de)
INTEGRIERTES SENSOR-KOPFSET

Title (fr)
CASQUE D'ÉCOUTE À CAPTEURS INTÉGRÉS

Publication
EP 2190347 A1 20100602 (EN)

Application
EP 08829090 A 20080908

Priority

- US 2008075640 W 20080908
- US 97089807 P 20070907
- US 97090007 P 20070907
- US 97090507 P 20070907
- US 97090807 P 20070907
- US 97091307 P 20070907

Abstract (en)
[origin: WO2009033181A1] A device is described that integrates sensors into a housing which can be placed on a human head for measurement of physiological data. The device includes at least one sensor and a reference electrode connected to the housing, A processor coupled to the sensor and the reference electrode receives signals that represent electrical activity in tissue of a user. The processor generates an output signal including data of a difference between an energy level in each of a first and second frequency band of the signals The difference between energy levels is proportional to release level present time emotional state of the user, The device includes a wireless transmitter that transmits the output signal to a remote device The device therefore processes the physiological data to create the output signal that correspond to a person's mental and emotional state (response).

IPC 8 full level
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Citation (search report)
See references of WO 2009033181A1

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