

Title (en)
APPARATUS FOR RELAXATION ANALYSIS IN BATHTUBS

Title (de)
VORRICHTUNG ZUR ENTSPANNUNGSANALYSE IN BADEWANNEN

Title (fr)
APPAREIL POUR ANALYSER LA RELAXATION DANS DES BAIGNOIRES

Publication
EP 2164395 A1 20100324 (EN)

Application
EP 08779143 A 20080612

Priority

- RS 2008000019 W 20080612
- RS P20070308 A 20070717

Abstract (en)
[origin: WO2009011606A1] Apparatus for relaxation analysis in bathtubs is designed to record exosomatic electrodermal activity and electrocardiographic signal over the electrodes placed on handgrips/rests of the bathtub or shower booth, connected in such way to allow single or multichannel recording. Besides, the device measures the temperature of the water, face and body of the user. The apparatus is equipped with underwater light system which is used to color the water in the bathtub according to the results of analyses of user's relaxation trend. In case that user is relaxing, the water is colored blue, while in the case of excitement, the water is colored red. While the user is neutral, the water is colored green. Different combinations of water colors are possible. The device further comprises processing unit connected to the audio system used to generate the sound used in stress control training and used to play back different musical playlists which support the process of relaxation in a bathtub. The apparatus communicates with the user over the keyboard and LCD, and also supports communication protocols used in connection with the PC or other devices.

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
See references of WO 2009011606A1

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