

Title (en)

TREATING SLEEP APNEA WITH NEGATIVE PRESSURE AND OBTAINING, WITH A SLEEP-APNEA DEVICE, INFORMATION RELATED TO SLEEP-APNEA EVENTS AND SLEEP-APNEA TREATMENT, AND CORRELATING SLEEP APNEA EVENTS AND SLEEP-APNEA TREATMENT WITH SUBJECT LIFESTYLE AND WELLBEING

Title (de)

BEHADELN VON SCHLAFAPNOE MIT NEGATIVEM DRUCK UND ERHALTEN VON INFORMATIONEN ÜBER SCHLAFAPNOE-EREIGNISSE UND SCHLAFAPNOE-BEHANDLUNG MIT EINER SCHLAFAPNOE-VORRICHTUNG UND KORRELIEREN VON SCHLAFAPNOE-EREIGNISSEN UND SCHLAFAPNOE-BEHANDLUNG MIT DEM JEWEILIGEN LEBENSSTIL UND WOHLBEFINDEN

Title (fr)

TRAITEMENT DE L'APNÉE DU SOMMEIL AVEC UNE PRESSION NÉGATIVE ET OBTENTION, AVEC UN DISPOSITIF D'APNÉE DU SOMMEIL, D'INFORMATIONS RELATIVES AUX ÉVÉNEMENTS D'APNÉE DU SOMMEIL ET AU TRAITEMENT DE L'APNÉE DU SOMMEIL, ET CORRÉLATION DES ÉVÉNEMENTS D'APNÉE DU SOMMEIL ET TRAITEMENT DE L'APNÉE DU SOMMEIL AVEC LE STYLE DE VIE ET LE BIEN-ÊTRE DU SUJET

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Application

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Abstract (en)

[origin: WO2018132646A1] An embodiment of a system for treating sleep apnea includes a collar, a pump, a motor, a sensor, a memory mechanism, and a controller. The collar is configured to maintain an airway of a subject open while the subject is sleeping by applying, to a throat of the subject, a negative pressure having a magnitude, and the pump is configured to generate the negative pressure. The motor is configured to drive the pump, and the sensor is configured to generate a sense signal that is related to a degree to which the airway is open. And the controller is configured to vary the magnitude of the negative pressure in response to the sense signal. Furthermore, the controller can obtain and store, in the memory, information related to usage and settings of the sleep apnea system, and the controller, or another computing system, can correlate this information with the subject's wellbeing, and can recommend changes in the usage or the settings of the sleep-apnea system that can improve the subject's wellbeing.

IPC 8 full level

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Citation (search report)

- [XII] US 2014276252 A1 20140918 - HYDE RODERICK A [US], et al
- [I] US 2010275910 A1 20101104 - AARESTAD JEROME [US], et al
- See references of WO 2018132646A1

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