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Patent Search

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Abstract:

ABSTRACT AN ARTIFICIAL INTELLIGENCE BASED VOICE COMMANDING GLUCOSE MONITORING AND DETERMINING SYSTEM [038] The present invention system for glucose monitoring and determining compliance. The system includes, but not limited to, an artificial intelligence (AI) module for learning deliverable amount to the patient after recognising the glucose level of the patient through voice input by user and further providing the voice output on a user device; a cloud server in conjunction with the artificial intelligence (AI) module to store and process the information and further send determining the glucose level; and a patch based glucose monitoring module operating in conjunction with a processing unit for sensing a blood glucose patient. Accompanied Drawing [FIG. 1]

Complete Specification

Claims:We Claim:

1. A voice commanding glucose monitoring and determining system, comprising: an artificial intelligence (AI) module for learning and determining the insulin deliverable amount to the patient after recognising the glucose level or voice input by user and further providing the voice output with as well the digital output on a user device; a cloud server in conjunction with the artificial intelligence (AI) module to store and process the information and further send it to the user device a glucose level; and a patch based glucose monitoring module operating in conjunction with a processing unit for sensing a blood glucose level of the diabetic patient.
2. The system as claimed in claim 1, wherein the user sends voice commands by using an audio transducer for transducing voice commands and corresponding digital output information on the user device.
3. The system as claimed in claim 1, wherein a processor is comprising a first port in communication with the audio transducer for receiving the :
4. The system as claimed in claim 1, wherein the processor is configured to monitor the first port for the digital output information.
5. The system as claimed in claim 1, wherein the processor is further configured to process the digital output information to identify the command generate corresponding control signals for transmission to the user device.
6. The system as claimed in claim 1, wherein the user device is further provided with a chatbot designed by using the AI module to further help the through live voice instructions about the glucose level of the body

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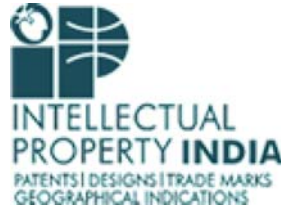




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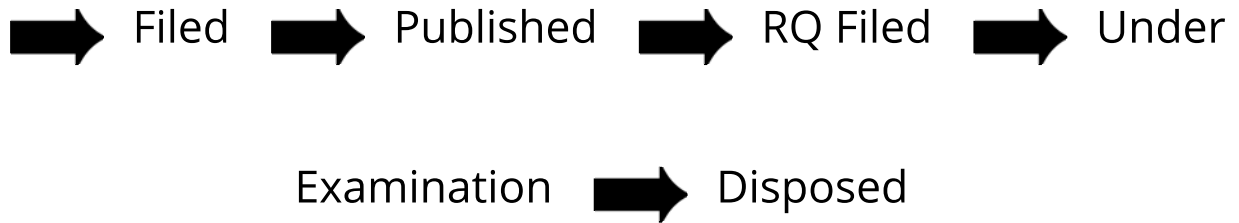
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APPLICATION STATUS

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