

(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING EMOTIONAL STATE OF USER

(51) International classification	:A61B 050000, A61B 051600, G06F 030100, G10L 130600, H04W 761200
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

The present invention relates to a system (100) and method (300) for identifying the emotional state of a user and activating smart appliances that offer entertainment based on the user's emotional state. The system comprises an image acquisition unit (102) that acquires an image of the user's face, and a processor (108) that extracts facial features using a face recognition technique identifies the user's emotional state using a deep learning technique and activates smart appliances accordingly. The system may also include an audio unit (104)that receives the user's voice and analyzes it to identify the emotional state of the user. Further, the system may also include a wearable (106) that obtains the user's health attributes, which are compared with a dataset to identify the user's emotional state. Overall, the system and method provide an efficient and convenient way to identify the user's emotional state and activate smart appliances accordingly.

No. of Pages : 22 No. of Claims : 10