(54) Title of the invention : SYSTEM AND METHOD FOR ASSESSING MENTAL HEALTH OF A SUBJECT

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(57) Abstract :

The present disclosure relates to a system (100) for assessing mental health of a subject (102). The system (100) includes an plug-in device (104, 200) configured to acquire vocal data of a subject (102). The plug-in device (104, 200) includes a processor (204) and a memory (206), the memory (206) including a set of instructions, which when executed, cause the processor (204) to remove noise and enhance the vocal data from the acquired data; extract a plurality of paralinguistic features, wherein paralinguistic features comprises at least one of pitch, energy, and spectral properties of the vocal data; determine sentiment of the subject (102) based on the extracted paralinguistic features and a regional context of the subject (102) voice data; and generate an output based on the determined sentiment of the subject (102).

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