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Application Details

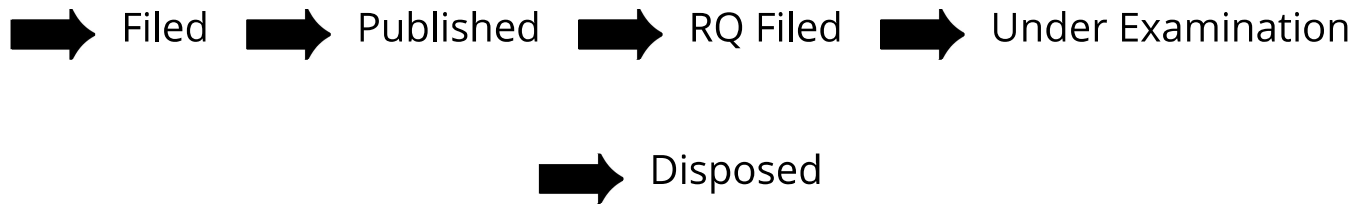
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TITLE OF INVENTION	INTELLIGENT WEARABLE BRAIN MACHINE INTERFACE TO ASSIST PARALYZED PEOPLE
FIELD OF INVENTION	COMPUTER SCIENCE
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(57) Abstract :
 The Intelligent Wearable Brain-Machine Interface System to assist Paralyzed People (IWBMI) helps the patients to make use of the IWBMI to display their thinking word in their mind to laptop screen by using wearable wireless head device automatically to communicate with others. A wearable wireless head device has been fixed on the patient's head. A laptop/any electronic display is always placed in front of them. The IWBMI control unit is consist of a storage unit, sensor unit, and NLP unit. The sensor unit is used to capture the patients thinking words from the brain wave/nerve system from their head. The storage unit is used to store the captured data. The NLP unit is used to convert the captured data into natural language. The converted data has been transferred to the laptop screen in front of the patient. Then other people near to them can read, understand, and act/communicate accordingly. By using this IWBMI, the patients make use of the IWBMI to display their thinking word in their mind to laptop screen by using wearable wireless head device automatically to communicate with others.

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