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Patent Search

Invention Title	ARTIFICIAL INTELLIGENCE BASED APPROACH TO EARLY PREDICTION OF NATURAL COMA BASED ON BRAIN MAPPING TECHNIQUES
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Abstract:

Artificial Intelligence based approach to Early Prediction of Natural Coma based on Brain Mapping Techniques is the proposed invention. The proposed invention foc
designing a framework of Artificial Intelligence for early prediction of coma condition for a particular patient. The invention aims at utilizing the brain mapping techni
achieve accuracy in prediction.

Complete Specification

Description:[0001]   Background description includes information that may be useful in understanding the present invention. It is not an admission that any of th
information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.
[0002]   A Coma is a deep state of prolonged unconsciousness in which a person cannot be awakened, fails to respond normally too painful stimuli, light, or sound
a normal wake-sleep cycle and does not initiate voluntary actions. Coma patients exhibit a complete absence of wakefulness and are unable to consciously feel, spe
move. Comas can be delivered by natural causes or can be medically induced.
[0003]   A number of different types of brain mapping techniques and systems that are known in the prior art. For example, the following patents are provided for
supportive teachings and are all incorporated by reference.
[0004]   Predicting thought based on neural mapping:- An embodiment of the invention may include a method, computer program product and computer system f
neural activity interpretation. The method, computer program product and computer system may include a computing device that presents a first user with a stimu
monitors and maps the neural activity of the first user. The computing device may receive the first user's verbal reaction to the stimulus and map the linguistic data
first user's verbal reaction to form a high dimensional vector based on the relationships of the mapped neural activity and the mapped verbal reaction of the first u
The computing device may associate the high dimensional vector with the stimulus presented resulting in a thoughts model. The computing device may receive a se
user's neural activity and compare that second user's neural activity to the thoughts model to identify the neural activity in the second user.
[0005]   US20160035093A1:- A Multimodality Brain Mapping System (MBMS), comprising one or more scopes (e.g., microscopes or endoscopes) coupled to one or
processors, wherein the one or more processors obtain training data from one or more first images and/or first data, wherein one or more abnormal regions and o

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Department of Industrial Policy & Promotion,
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Application Details

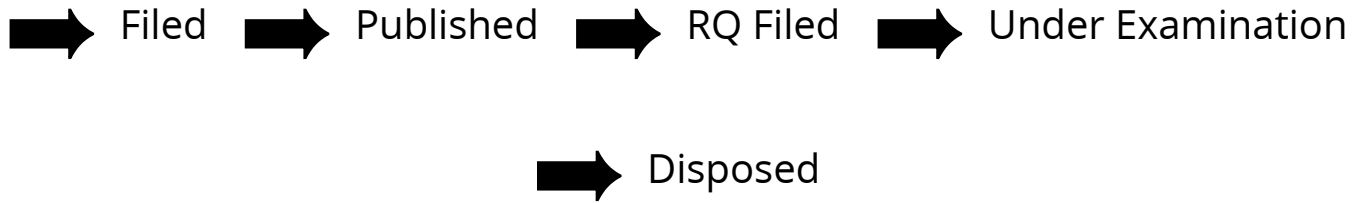|	
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APPLICATION STATUS	Awaiting Request for Examination		
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➡️ Filed ➡️ Published ➡️ RQ Filed ➡️ Under Examination

➡️ Disposed

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