पेटेंट कार्यालय शासकीय जर्नल

OFFICIAL JOURNAL OF THE PATENT OFFICE

निर्गमन सं. 38/2022 ISSUE NO. 38/2022

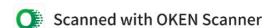
शुक्रवार FRIDAY दिनांक: 23/09/2022

DATE: 23/09/2022

पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

The Patent Office Journal No. 38/2022 Dated 23/09/2022

60202



- (12) PATENT APPLICATION PUBLICATION
- (19) INDIA
- (22) Date of filing of Application :12/08/2022
- (21) Application No.202221046139 A
- (43) Publication Date: 23/09/2022

(54) Title of the invention: DEEP LEARNING BASED AUTOMATIC PREVENTION AND DETECTION OF BRAIN TUMOR USING IMAGE PROCESSING, DATA MINING AND MACHINE LEARING ALGORITHMS FOR SMART HELATHCARE SYSTEM

(51) International classification :G06N0003040000, G06N0003080000, G06T0007000000, G06K0009620000, G06K0009000000 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application :NA :NA :NA 3)S.Ranichandra :NA :NA Filing Date
(62) Divisional to Application Number
Filing Date :NA :NA

(71)Name of Applicant: 1)Dr K Nagalah Address of Applicant: 490042. nt : Assistant Professor The ICFAI University Raipur Nh-53, Raipur-Bhilai Road, Kru Stone 20 Por Kumiran, Address of Applicant : NA

CI)Name of Inventor :

1)Dr K Nagatah

Address of Applicant : NA

2)Similar

Address of Applicant : Na

Address of Applicant : NA

Address of Applicant : NA

2)Similar

Address of Applicant : Na

Address of Applicant : Nassistant Professor (SI) Department of EEE Rujiv Gendin College of Institute and Technology Ponchy Address of Applicant : Assistant Professor (SI) Department of EEE Rajiv Gandhi College of Institute and Technology Pondy Cuddalore Main Road, Kinumampakkam --------Address of Applicant : Associate professor Department of Computer science, Dharalakshmi Srimvasan College of Arts and Science for Women (Autonomous), Perambelia: tor women (valuations) of a support of the Address of Applicant Assistant Professor Sri Sairam Institute of Technology, Department of CSE, Su Leo Nagar, West Tamburan Poorthundalan, Village, Cherurai, Tamil Nada 602109.

5)Dr. Kishor Vimryak Galkwad
Address of Applicant Assistant Professor Department of Chemistry Rajarshi Chhatrapah Shahn College Kolluspur, Sadar bazur road, Village. Kethapur — Research Scholar, Vellore Institute of Technology, VIT-AP University, Inavolu, Beside AP Secretariat 7)Dr.S.J.Subhashidi 7)Dr.S.J.Subhashidi Address of Applicant :Research Scholar, Vellore Institute of Technology, VIT-AP University, Inavolu, Beside AP Secretariat 7)Dr.S.J.Subhashidi Address of Applicant :Associate Beside AP Secretariat Address of Applicant :Associate Beside AP Secretariat Policies (Secretaria Beside AP Secretaria Address of Applicant :Associate Beside AP Secretariat Policies (Secretaria Beside AP Secretaria Beside AP Secretaria Policies (Secretaria Beside AP Secretaria Beside AP Secretaria Policies (Secretaria Beside AP Secretaria Beside AP Secr and resented (Dement to be University) Kristmanicu

SDr. Dhananjaya V

Address of Applicant : Professor Department of computer science and engineering Impact college of engineering and applied sciences Visusvaraya technological University, subakara ragat

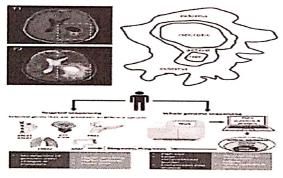
Address of Appticant : Frotesson us passes on the state of ECE Kalputaru Institute of Technology, Tipnar.

9) Nandersh G S
Address of Applicant : Assistant Professor Department of ECE Kalputaru Institute of Technology, Tipnar.

10) Dr. Brijersh Sathian
Address of Applicant : Scientist, Geriatrics and Long Term Care Department, Ramarilah Hospital, Harnad Medical Corporation, Doha,

(57) Abstract:

Deep Learning based Automatic prevention and detection of Brain tumor using Image processing, Data mining and Machine Learning algorithms for Smart Helatheure system Abstract: People of any age can be diagnosed with brain tumours, making them one of the most common types of malignant tumours. When it comes to health monitoring and automated determination, recognising its grade can be difficult for radiologists, nevertheless. IoT can provide assistance in this area. Using pictures obtained from magnetic resonance imaging (MRI), it is absolutely necessary to identify and eatogerise contaminated tumour area. There are many different types of tumours, such as glicon tumours, meningionen tumours, pinitary tumours, and even no functures at all (bengal). One of the most difficult components of dassifying brain tumours is figuring out how to identify the type of tumour and how to stoy it from developing. In the medical literature, there have been published a great number of difficent dissistances assistances as a considerable amount of time. The primary objective of this project is to design and implement a computational system for the intense of this project assistances and the project is to design and implement a computational system for the intense of this project is project assistances are considerable amount of time. The primary objective of this project is to design and implement a computational system for the intense of this project assistances are still problems with the training procedure, which takes a considerable amount of time. The primary objective of this project is to design and implement a computational system for the intense of this project is project assistances are still problems with the training reconstructure. The primary objective of this project is to design and implement a computational system for the intense of the primary of the deep learning and



No. of Pages: 12 No. of Claims: 9

Scanned with OKEN Scanner