पेटेंट कार्यालय शासकीय जर्नल

OFFICIAL JOURNAL OF THE PATENT OFFICE

निर्गमन सं. 24/2024 ISSUE NO. 24/2024

शुक्रवार FRIDAY दिनांक: 14/06/2024 DATE: 14/06/2024

पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

(43) Publication Date: 14/06/2024

(22) Date of filing of Application :08/06/2024

(51) International classification

Filing Date

Application Number

Filing Date

Filing Date

Number

(61) Patent of Addition to

(86) International Application No

(87) International Publication No

(62) Divisional to Application

(54) Title of the invention: SMART SOLAR FORECASTING FOR ENHANCED IRRADIANCE AND TEMPERATURE PREDICTIONS OF PHOTOVOLTAIC SYSTEMS USING DEEP LEARNING TECHNIQUES

:G06N0003080000, G06N0003040000, G06Q0050060000,

H02J0003380000, H01L0031054000

:NA

: NA

:NA

:NA

71)Name of Applicant:

1)V H Prasad Reddy

Address of Applicant :Assistant Professor, Department of Electronics and Communication Engineering, V

R Siddhartha Engineering College, Vijayawada, 521137 Vijayawada -----2)Dr.D.Siyakumar

3)Budhaghosh M. Lohakare

4)Gargi Shekhar 5)Md Moyeed Abrar

6)Dr.R.Senthil Kumar

7)Dr. Manasi Vyankatesh Ghamande

8)Happy Narang

9)Shyam Ji Trivedi 10)Dr.J.Kartigeyan

11)Dr.G.Nithya

12)Ms.G.Devayani Name of Applicant : NA

Address of Applicant : NA (72)Name of Inventor :

Address of Applicant :Assistant Professor, Department of Electronics and Communication Engineering, V R Siddhartha Engineering College, Vijayawada, 521137 Vijayawada -

Address of Applicant :Professor of Physics, Kingston Engineering College. Chittoor Main Road, Katpadi, Vellore 632059. Vellore -------

3)Budhaghosh M. Lohakare

Address of Applicant :Associate professor, Department of Geography, Yeshwant M.V. Wardha - 442001

Wardha -4)Gargi Shekhar

Address of Applicant :Assistant Professor, School of Agriculture, Dev Bhoomi Uttarakhand University,

Dehradun Dehradun -

5)Md Moveed Abrar

Address of Applicant :Assistant Professor, Department of Computer Science and Engineering, Faculty of

Engineering and Technology, Khaja Bandanawaz University Kalaburagi 6)Dr.R.Senthil Kumar

Address of Applicant :Associate Professor/ EEE, SNS College of Technology, Coimbatore, Tamil Nadu, 641035 Coimbatore -------

7)Dr.Manasi Vyankatesh Ghamande

Address of Applicant :Assistant Professor,E and AS Department, Vishwakarma Institute of Information Technology,Pune-412048 Pune -------

8)Happy Narang

Address of Applicant :Assistant professor, School of Agriculture, Uttaranchal University, Dehradun Dehradun

9)Shyam Ji Trivedi

Address of Applicant :Assistant Professor/Mechanical Engineering Department, Goel Institute of Technology

and Management Lucknow-226018 Lucknow

10)Dr.J.Kartigeyan
Address of Applicant :Associate Professor, Department Of Electrical And Electronics Engineering, J.B.Institute Of Engineering And Technology, Hyderabad, 500 075 Hyderabad

11)Dr.G.Nithya

Address of Applicant :Assistant Professor, Department Of Electronics And Communication Engineering, Joginpally B.R. Engineering College, Hyderabad, - 500 075 Hyderabad

12)Ms.G.Devayani

Smart Solar Forecasting for Enhanced Irradiance and Temperature Predictions of Photovoltaic Systems using deep learning techniques is the proposed invention. The proposed invention focuses on understanding the photovoltaic systems from various aspects using Deep learning techniques. The invention focuses on analyzing the parameters of Irradiance and Temperature Predictions for Photovoltaic Systems using algorithms of Deep

No. of Pages: 13 No. of Claims: 4