

GRANTED PATENTS from 2010 to 2021

| S.No | Title of the patent | Name(s) of the inventor(s) | Patent number | Date of Grant |
|-------------|--|--|-----------------|---------------|
| 2010 | | | | |
| 1 | System for production of hydrogen with metal hydride and a method | Natarajan Ramakrishna | US7648540B2 | 19-01-2010 |
| 2 | System for production of hydrogen with metal hydride and a method | Natarajan Ramakrishna | 240904 | 09-06-2010 |
| 2014 | | | | |
| 3 | In-Vehicle Networking Based Services | Ganesan Kaliyaperumal, Sri Lavanya Paleti, Srisudha Garimella | US20120039212A1 | 05-08-2014 |
| 2017 | | | | |
| 4 | Dendrimers, Conjugates And Methods Thereof | Vijayalakshmi Mookambeswaran A, Jisha John, Yves Marie Daniel Gnanou, Vijayakrishna Kari | US20150238623A1 | 11-07-2017 |
| 5 | Methods for Producing Recombinant Factor VIII Chains from Non-Filamentous Fungi, Their Functional Reconstitution and Applications Thereof | Vijayalakshmi Mookambeswaran A, Vignesh Narasimhan Janakiraman, Krishnan Venkataraman, Sudheer Reddy Aswatha Reddy, Satheeshkumar Padikkara Kutty, Sukesh Chandran Nair, Alok Srivastava | US20150225472A1 | 18-07-2017 |
| 6 | Garlic Peeler attachment for Home Mixer | Venkatachalam G, Kovalan S | 285552 | 25-08-2017 |
| 7 | Cold Air Gun | Kovalan S, Kuppan P | 289057 | 15-12-2017 |
| 2018 | | | | |
| 8 | Double Mutant Coagulation Factor VIII And Methods Thereof | Arunachalam Vijayalakshmi Mookambeswaran, Joseph, Bilgimol Chuvappunkal Kutty, Satheeshkumar Padikkara Nair, Sukesh Chandran Srivatsa, Alok | EP2897634 (A2) | 21-03-2018 |
| 9 | Industrial mixture machine | Prashanth Kumar H.G. | 296846 | 13-07-2018 |
| 10 | Dendrimers, Conjugates And Methods Thereof | Vijayalakshmi Mookambeswaran A, Jisha John, Yves Marie Daniel Gnanou, Vijayakrishna Kari | 301223 | 20-09-2018 |
| 11 | A System For Using Liquid Carbon Dioxide As Driving Force For Vehicles And Other Applications | Natarajan Ramakrishna | 303364 | 22-11-2018 |
| 2019 | | | | |
| 12 | Monolith-Based Pseudo-Bioaffinity Purification Methods For Factor VIII And Applications Thereof | Vignesh Narasimhan Janakiraman; Rajasekar Rajagopal Prasanna; Agamudi Sivasankaran Kamalanathan; Mookambeswaran Arunachalam Vijayalakshmi | EP2925777B1 | 01-05-2019 |
| 13 | Methods for Producing Recombinant Factor VIII Chains from Non-Filamentous Fungi, Their Functional Reconstitution and Applications Thereof | Vijayalakshmi Mookambeswaran A, Vignesh Narasimhan Janakiraman, Krishnan Venkataraman, Sudheer Reddy Aswatha Reddy, Satheeshkumar Padikkara Kutty, Sukesh Chandran Nair, Alok Srivastava | EP2895199A2 | 21-08-2019 |
| 16 | Exhaust Fan For Cabin | Vincent Herald Wilson D | 320205-001 | 06-09-2019 |
| 14 | Adjustable Agricultural Sprays | Dibyadarshi Ghosh, Nitish Chauhan, Satyajit Ghosh | 327569 | 17-12-2019 |
| 15 | Process Of Synthesizing Nano Zero Valent Iron-Calcium Alginate Beads For Removal Of Dye From Effluent | Amitava Mukherjee, N Chandrasekaran, Mrudula P, Konda Venkata Giri R | 328101 | 24-12-2019 |
| 2020 | | | | |
| 17 | Anticoagulant Peptide Isolated From Seaweed Porphyra Hydrolyzate | Alka Mehta, Indumathi Parimelazhagan | 338414 | 12-06-2020 |
| 21 | Thermoplastic Elastomeric Blend Composition With Improved Weld Line Strength, And Process Of Preparation Of The Same | Arungalai Vendan, Chinnadurai Thangam, Senthil kumar K | 343170 | 03-08-2020 |
| 20 | Stable Epoxy Resin Composition And A Method For Preparing The Same(Polycarboxylic Acid Modified Epoxy Composition Containing Organic Titanate as Latent Hardner) | Singubiru Khatake, Girish Joshi, Vikas Mathe, Hemant Tamboli | 343294 | 04-08-2020 |
| 19 | Removal Of Dyes From Effluents In Absence And Presence Of Light Employing A Novel Nanocomposite | Rajagopalan Vijayaraghavan, Lakshmi Prasanna Vaddadi | 348260 | 30-09-2020 |
| 18 | Stable Formulation Development For Nitroglycerin Sublingual Tablets By Direct Compression Technique With Povidone And Crospovidone | Sangeetha Dhanaraj, Manoj kumar V | 349096 | 13-10-2020 |
| 22 | Polymer Blend Composition With Increased Weld Line Strength And Process Of Preparation Of The Same | Arungalai Vendan, Subbiah, Prakash Nagapillai, Senthil Kumar, Kumar | 350302 | 28-10-2020 |
| 23 | A Unique Rain Stimulator | Peeyush Khare, Tushar Agarwal, Satyajit Ghosh | 351688 | 18-11-2020 |
| 2021 | | | | |
| 26 | Composition For Inhibiting Synthesis Of Mycotoxin Without Affecting The Growth Of The Fungi | Alkha Mehta, Ramesh Babu Boga, Dhanan Jayulu | 356743 | 27-01-2021 |
| 25 | Compact Digital Flow control Unit | R. Ramakrishnan | 331235-001 | 12-02-2021 |
| 24 | Neem Oil Nanoemulsion (None) Formulation With Antimicrobial Activity Against Aeromonas Species In Aquaculture | Natarajan Chandrasekaran, Amitava Mukherjee, Swathy Jalaja soman | 358827 | 18-02-2021 |
| 27 | Metal Oxyhydroxide Mediated Anoxic Ammonia Removal From Aqueous Solutions | Pothanakandathil chacko Sabumon, Shihabudeen Mundampira Maliyekkal, Desireddy Swathy | 360373 | 05-03-2021 |
| 28 | Aloe Vera on Lime Mortars | R Ravi P, Thirumalini, S Sekar | 361574 | 17-03-2021 |
| 29 | Organoruthenium Based Phototoxic Cancer Cell Markers And Method Of Preparation And Use | Priyanka Paira, Anuja Paluvulapil Kumaran, Lavanya Thailak Babu, Ashaparna Mondal | 361798 | 19-03-2021 |
| 30 | Monolith-Based Pseudobioaffinity Purification Methods For Factor VIII And Applications Thereof | M.A.Vijayalakshmi, Vignesh J Narasimhan, Prasanna Rajagopal, A.S.Kamalanathan, | 363089 | 25-03-2021 |

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| 31 | th-Based Pseudo-Bioaffinity Purification Methods For Factor Viii And Applications | Vijayalakshmi M. A., Vignesh J Narasimhan, Prasanna Rajagopal, Kamalanathan A. S | 363089 | 02-04-2021 |
| 32 | Renewable Energy Powered Wireless Fast Charger For Electric Bicycle | Elangovan D, Peter K Joeseeph, Arun Kumar G | 364892 | 23-04-2021 |
| 33 | Development of Eco-Bacterial Lime Mortar using Kadukai and Jaggery | Thirumalini S, Ravi R, Sekar S.K. | 372595 | 30-07-2021 |