

Patents

1. Ravikumar R. Gowda, Debashis Chakraborty and Venkatachalam Ramkumar, Group 4 metal aryloxy compounds as bulk polymerization catalysts for lactide polymerization, (***Indian Patent Application No:2550/CHE/2010***).
2. Ravikumar R. Gowda, Debashis Chakraborty and Venkatachalam Ramkumar, Group 4 metal aryloxy compounds, (***Indian Patent Application No:1376/CHE/2011***).
3. Debashis Chakraborty, Payal Malik, Ravikumar R. Gowda and Venkatachalam Ramkumar, Metal free catalysts for the ring-opening polymerization of cyclic esters and lactide, (***Indian Patent Application No: under progress***).
4. Debashis Chakraborty, Swarup Ghosh, Venkatachalam Ramkumar, Imino(phenoxy) alane: A High Mileage Catalyst for PLA Synthesis, (***Patent Application in Progress***).
5. D Chakraborty, S Ghosh, Venkatachalam Ramkumar, Catalyst for poly (lactide) synthesis and uses there of, (***US Patent App. 14/781, 016***).