

(54) Title of the invention : A CONTROL SYSTEM FOR IC ENGINE FUEL INJECTION ASSEMBLY AND WORKING METHOD THEREOF

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| <p>(51) International classification :F02M0061160000, F02D0041140000, F02M0061140000, F02M0051060000, F02D0041200000</p> <p>(86) International Application No :PCT// Filing Date :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p> | <p>(71)Name of Applicant :</p> <p>1)Dr.Surakasi Raviteja Address of Applicant :Assistant Professor, Department of Mechanical Engineering, Lendi Institute of Engineering and Technology, Jonnada, Vizianagaram, Andhrapradesh-535005, India -----</p> <p>2)Dr.M.Saravanan</p> <p>3)Mr.S.Arulselvan</p> <p>4)Mr.N.Radhakrishnan</p> <p>5)Dr.J.Kamalakannan</p> <p>6)Dr. Raghuram Pradhan</p> <p>7)Mr. M. C. Anand Chakaravarthi</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor :</p> <p>1)Dr.Surakasi Raviteja Address of Applicant :Assistant Professor, Department of Mechanical Engineering, Lendi Institute of Engineering and Technology, Jonnada, Vizianagaram, Andhrapradesh-535005, India -----</p> <p>2)Dr.M.Saravanan Address of Applicant :Associate Professor, Department of Mechanical Engineering, Annamalai University, Annamalai Nagar-608002, Tamil Nadu -----</p> <p>3)Mr.S.Arulselvan Address of Applicant :Assistant Professor, Department of Mechanical Engineering, Annamalai University, Annamalai Nagar-608002, Tamil Nadu -----</p> <p>4)Mr.N.Radhakrishnan Address of Applicant :Assistant Professor, Department of Mechanical Engineering, Annamalai University, Annamalai Nagar-608002, Tamil Nadu -----</p> <p>5)Dr.J.Kamalakannan Address of Applicant :Assistant Professor, Department of Mechanical Engineering, Sri Sai Ram Institute of Technology, Sai Leo Nagar, West Tambaram, Chennai-600044 -----</p> <p>6)Dr. Raghuram Pradhan Address of Applicant :Associate Professor, Department of Mechanical Engineering, PACE Institute of Technology & Sciences, NH-16, Near Valluramma Temple, Ongole-523272 -----</p> <p>7)Mr. M. C. Anand Chakaravarthi Address of Applicant :Assistant Professor, Department of Mechanical Engineering, Sri Sai Ram Engineering College, West Tambaram, Chennai - 600044 -----</p> |
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(57) Abstract :
 The present invention discloses a control system for IC engine fuel injection assembly and working method thereof. In the present invention, comprising an internal combustion engine system with connections from sensor means sensing influencing magnitudes and from electromagnetically actuated injection valve means is equipped with a portable indicating device and an adaptor plug means for connecting the electronic control means and at least one of the electronically controlled fuel injection system and ignition system. Accompanied Drawing [FIGS. 1-2]

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