

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211064754 A

(19) INDIA

(22) Date of filing of Application :11/11/2022

(43) Publication Date : 25/11/2022

(54) Title of the invention : VEHICLE'S NUMBER PLATE MANUFACTURING DEVICE

(51) International classification :B23K0026380000, B23K0026700000, B29C0059020000, G06F0003041000, B60R0013100000  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

**1)Jaipur National University**

Address of Applicant :Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

**1)Om Prakash Singh**

Address of Applicant :School of Engineering & Technology, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur -----

**2)Prashant Kumar Sharma**

Address of Applicant :School of Engineering & Technology, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur -----

**3)Rachana Yadav**

Address of Applicant :School of Engineering & Technology, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur -----

**4)Ravi Prakash Upadhyai**

Address of Applicant :School of Engineering & Technology, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur -----

(57) Abstract :

A vehicle's number plate manufacturing device is comprising of a housing 1 which is mapped with a chamber 2 for storing iron sheet, a touch interactive display panel 3 for giving input commands regarding number of plate, a pair of telescopically operated rods are configured with a pair of suction cups 4 via lead screw arrangement 5 for placing sheet on the platform 7, an artificial intelligence module 8 for capturing multiple images of the housing 1, a laser cutting unit 9 for shaping the sheet, nozzles 10 for dispensing color on the sheet, receptacle for storing the color, pneumatic hollow pins 12 crafted with the pores for imprinting the number on sheet, hydraulic piston 11 for pressing plate during imprinting number, ECV(Electronically Controlled Valve) for dispensing color on imprinted number.

No. of Pages : 16 No. of Claims : 8

**Registrar**  
Jaipur National University