

पेटेंट कार्यालय
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 39/2019
ISSUE NO. 39/2019

शुक्रवार
FRIDAY

दिनांक: 27/09/2019
DATE: 27/09/2019

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201941037583 A

(19) INDIA

(22) Date of filing of Application :18/09/2019

(43) Publication Date : 27/09/2019

(54) Title of the invention : IPVM-SYSTEM: INTELLIGENT PARKING VACANCY MANAGEMENT AND CONTROL SYSTEM.

(51) International classification	:G08G1/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. DABBU MURALI
(32) Priority Date	:NA	Address of Applicant :S/O LATE D. KRISHNAIAH
(33) Name of priority country	:NA	H.NO.4_68/6, KRANTHI STREET, VADAMALA PET(POST
(86) International Application No	:NA	AND MANDAL), CHITTOOR DIST Andhra Pradesh India
Filing Date	:NA	2)DR. RAMAN DUGYALA
(87) International Publication No	: NA	3)KARTHIKEYAN. J
(61) Patent of Addition to Application Number	:NA	4)DR. R. DELSHI HOWSALYA DEVI (ASSOCIATE
Filing Date	:NA	PROFESSOR)
(62) Divisional to Application Number	:NA	5)PROF. DR. BEG RAJ SINGH
Filing Date	:NA	(72)Name of Inventor :
		1)DR. DABBU MURALI
		2)DR. RAMAN DUGYALA
		3)KARTHIKEYAN. J
		4)DR. R. DELSHI HOWSALYA DEVI (ASSOCIATE
		PROFESSOR)
		5)PROF. DR. BEG RAJ SINGH

(57) Abstract :

My Invention IPVM-SYSTEM • In all the developed and developing cities can apply, there are a so many malls, hotels, multiplexes, etc. Such places are always crowded and majorly crowded on public holidays and weekends. All these places have huge parking spaces most of which are multistoried. But all these places face a common problem. Due to the huge crowd, these parking places are almost full most of the time and finding a vacant parking space is time consuming and frustrating. Car drivers/owners have to just roam around the parking space to find a vacant spot. The invention IPVM-SYSTEM • in general refers to Laser/Light sensors and display systems , artificial intelligence. More particularly, the invention relates to systems and methods used for detection of vacant parking slots and navigating the car driver to the vacant spots, in parking slots of malls, restaurants, hotels, multiplexes etc. This invention relates to a real-time parking availability system and, more particularly, to a system that uses drivers to collect and transmit parking spot availability information. Basically the parking vacancy detector and display system will detect the vacant parking spot with the help of sensors and guide the car driver/owner to that spot using a digital display. Sensors are to be installed at every parking spot, which finally will be connected to the digital display which is to be installed at the entrance or ticket/coupon counter of the parking.

No. of Pages : 19 No. of Claims : 8