

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201841015648 A

(19) INDIA

(22) Date of filing of Application :25/04/2018

(43) Publication Date : 01/11/2019

(54) Title of the invention : DEVELOPMENT OF GPS ROBOT NAVIGATION USING MC ATMREGA 128

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(32) Priority Date	:NA	SCIENCE AND TECHNOOGY, RAJIV GANDHI ROAD,
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Filing Date	:NA	1)S.Lalitha kumari
(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	

(57) Abstract :

This work is the development of a global positioning system guided robot that is designed with improved capabilities .This work is to be accomplished using a global positioning system to allow the vehicle to become aware of its position on the earth and the positions of wave points relative to its current location. This device must be a robust vehicle capable of traveling outdoors on mostly flat ground and able to carry the load of what components are necessary for :i to accomplish its function. A range of on board sensors is required to provide the bot with an accurate description of its operating environment, as well as to event collisions with objects.

No. of Pages : 7 No. of Claims : 4