

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011012683 A

(19) INDIA

(22) Date of filing of Application :23/03/2020

(43) Publication Date : 24/09/2021

(54) Title of the invention : WEARABLE RESCUE DEVICE

(51) International classification	:A61B0005024000, A61B0005000000, G04G0021020000, H04B0001382700, G08B0005000000	(71) Name of Applicant : 1)CGC Technical Campus Jhanjeri Address of Applicant :State Highway 12A Jhanjeri, Sahibzada Ajit Singh Nagar, Punjab 140307, India. Punjab India
(31) Priority Document No	:NA	(72) Name of Inventor : 1)Richa Mehta
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(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	

(57) Abstract :

A wearable rescue device comprises of a ring 1 having a pulse sensor for detecting pulse rate of a user, a wrist band 3 associated with the ring consists a container 4 which is attached with the wrist band for storing a red coloured liquid, a liquid dispensing unit 5 for discharging the liquid, a controlling unit connected to the dispensing unit for activating the dispensing unit 5 upon pressing of a SOS button 6 and generating an alert signal upon pressing the button and receiving the pulse rate, a communication module for transmitting the alert signal to persons (such as trainer, rescue team etc.) after pressing of the button, a watch display 2 for displaying the pulse rate to aware the user about his/her pulse rate in order to press the button manually, a battery for providing an electrical energy to the controlling unit, communication module and dispensing unit.

No. of Pages : 11 No. of Claims : 5